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Portfolio

FUR-SEAL ARBITRATION.

PORTFOLIO OF MAPS AND CHARTS

WITH

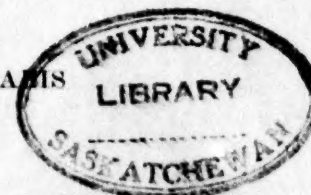
THE CASE OF THE UNITED STATES

BEFORE THE

S. 2429
11-5-25

TRIBUNAL OF ARBITRATION

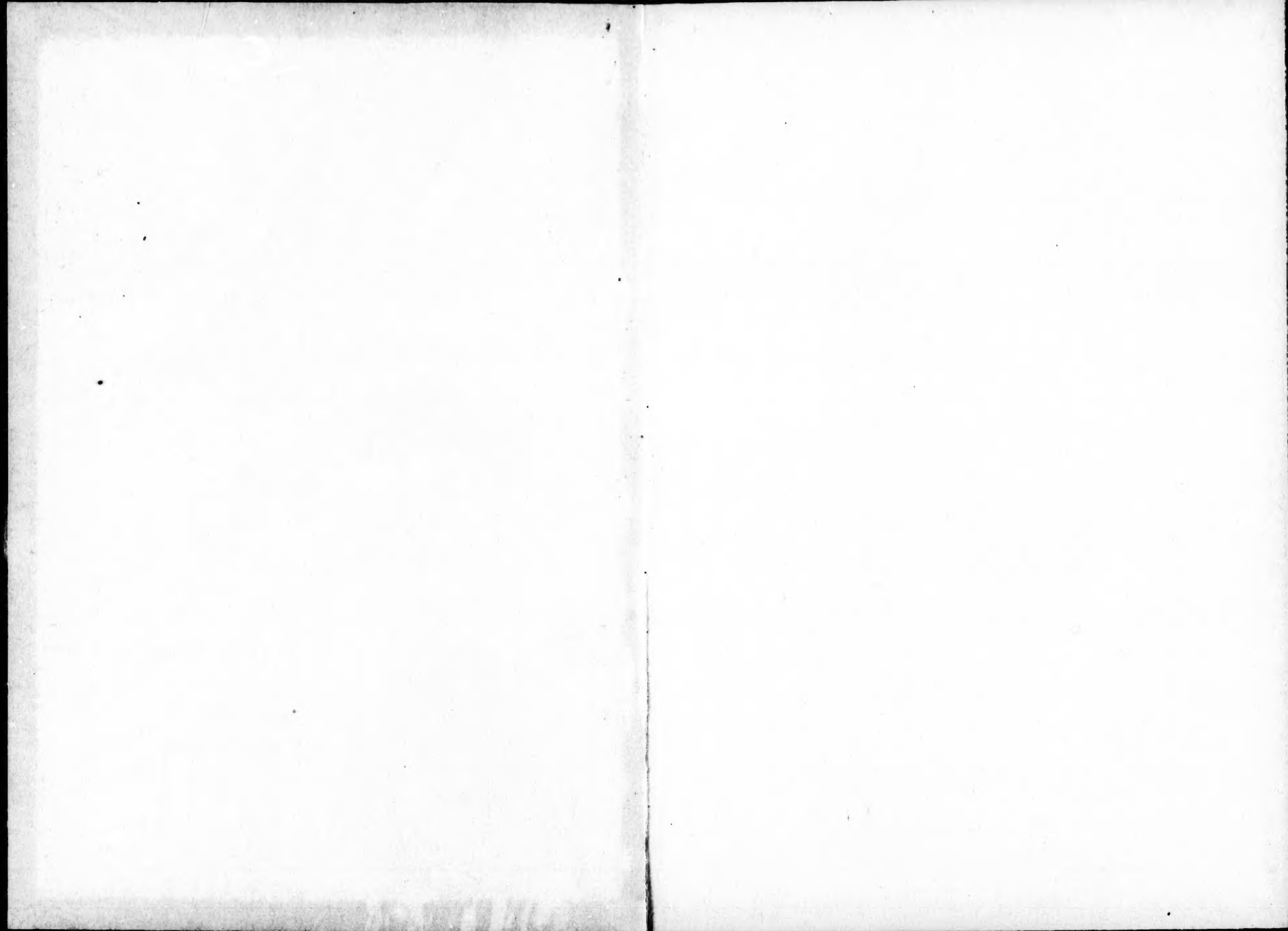
TO CONVENE AT PARIS



UNDER THE

PROVISIONS OF THE TREATY BETWEEN
STATES OF AMERICA AND GREAT BRITAIN,
CONCLUDED FEBRUARY 29, 1892.

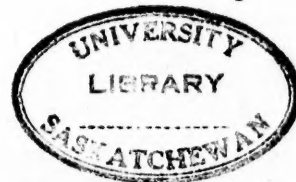
WASHINGTON, D. C.:
GOVERNMENT PRINTING OFFICE.
1892.



S. 2429
11-5-25

LIST OF MAPS AND CHARTS IN PORTFOLIO.

1. BERING SEA AND NORTH PACIFIC OCEAN.
2. PRIBILOF ISLANDS.
3. MIGRATION CHART.
4. SEALING CHART.
5. SEIZURES AND WARNINGS IN BERING SEA IN 1886,
1887, AND 1889.
6. SEIZURES AND WARNINGS IN BERING SEA IN 1891.
7. NORTHEAST POINT ROOKERY, CHART A.
8. POLAVENA ROOKERY, CHART B.
9. KETAVIE AND LUKANNON ROOKERIES, CHART C.
REEF AND GARBOTCH ROOKERIES, CHART D.
10. TOLSTOI AND LAGOON ROOKERIES, CHART E.
11. ZAPADNIE ROOKERIES (ST. PAUL ISLAND), LOWER
AND UPPER, CHARTS F AND G.
12. STARRY ATEEL ROOKERY, CHART H.
NORTH ROOKERY, CHART I.
EAST AND LITTLE EAST ROOKERIES, CHART J.
ZAPANDIE ROOKERY (ST. GEORGE ISLAND),
CHART K.



Shortt Library

PLACES MENTIONED IN THE CASE OF THE UNITED STATES.

	Latitude.	Longitude.
Afognak.....	58 ° 15' 00'' N.	153 ° 00' 00'' W.
Akatan Pass. (See Akutan Pass.)		
Akutan Pass.....	54 ° 00' 00'' N.	166 ° 16' 00'' W.
Alameda, Cal.....	37 ° 47' 00'' N.	122 ° 25' 00'' W.
Alaska.....	65 ° 00' 00'' N.	155 ° 00' 00'' W.
Alaska Peninsula.....	57 ° 00' 00'' N.	157 ° 00' 00'' W.
Alatak Bay.....	56 ° 50' 00'' N.	154 ° 00' 00'' W.
Alitok. (See Alatak.)		
Aleutian Islands.....	52 ° 00' 00'' N.	175 ° 00' 00'' W.
Alexander Archipelago	54 ° 40' 00'' N. to 58 ° 25' 00'' N.	133 ° to 137 ° W.
Aliaska Peninsula. (See Alaska Peninsula.)		
Amak Island.....	55 ° 26' 00'' N.	163 ° 00' 00'' W.
Amsterdam Islands.....	37 ° 49' 00'' S.	77 ° 33' 00'' E.
Anadir River.....	64 ° 50' 00'' N.	176 ° 00' 00'' E.
Anchor Point, in Cook's Inlet.....	59 ° 50' 00'' N.	151 ° 55' 00'' W.
Annette Island.....	55 ° 00' 00'' N.	131 ° 30' 00'' W.
Antipodes.....	49 ° 42' 00'' S.	178 ° 43' 00'' E.
Astoria.....	46 ° 11' 00'' N.	123 ° 42' 00'' W.
Atka.....	52 ° 00' 00'' N.	175 ° 00' 00'' W.
Atkha Island. (See Atka.)		
Attou Island.....	53 ° 00' 00'' N.	173 ° 00' 00'' E.
Attu. (See Atton.)		
Auckland Islands.....	50 ° 48' 00'' N.	166 ° 10' 00'' E.
Ayan.....	56 ° 25' 00'' N.	138 ° 21' 00'' E.
Baranoff Island.....	57 ° 00' 00'' N.	135 ° 00' 00'' W.
Barclay Sound.....	49 ° 00' 00'' N.	125 ° 00' 00'' W.
Barren Islands, Cook's Inlet.....	58 ° 50' 00'' N.	152 ° 00' 00'' W.
Beauchene Island, South America.....	52 ° 54' 00'' S.	59 ° 10' 00'' W.
Bering Island.....	55 ° 10' 00'' N.	166 ° 00' 00'' W.
Bering Sea.....	180th meridian.	
Blanco (Cape).....	42 ° 50' 00'' N.	124 ° 30' 00'' W.
Bogosla. (See Bogosloff.)		
Bogoslav. (See Bogosloff.)		
Bogoslov. (See Bogosloff.)		

	Latitude.	Longitude.
Bogosloff	54 ° 00' 00'' N.	168 ° 00' 00'' W.
Bounty Islands	47 ° 44' 00'' S.	179 ° 00' 00'' W.
Bristol Bay	58 ° 00' 00'' N.	160 ° 00' 00'' W.
Campbell Island	52 ° 33' 00'' S.	169 ° 08' 00'' E.
Canton	23 ° 05' 00'' N.	113 ° 15' 00'' E.
Cape Chukotski	64 ° 16' 00'' N.	173 ° 15' 00'' W.
Cape Colony, South Africa	33 ° 56' 00'' S.	18 ° 29' 00'' E.
Cape Cook, Vancouver Island	50 ° 07' 00'' N.	127 ° 56' 00'' W.
Cape Douglass, Mainland, Cook's Inlet	58 ° 54' 00'' N.	153 ° 15' 00'' W.
Cape Elizabeth, Peninsula, Cook's Inlet	59 ° 09' 00'' N.	151 ° 52' 00'' W.
Cape Flattery	48 ° 25' 00'' N.	124 ° 44' 00'' W.
Cape Horn, South America	55 ° 58' 00'' S.	67 ° 16' 00'' W.
Cape Kanine (Dr. Allen, part I)	68 ° 38' 00'' N.	43 ° 20' 00'' E.
Cape Mendocino	40 ° 30' 00'' N.	124 ° 30' 00'' W.
Cape Newenham	58 ° 40' 00'' N.	162 ° 00' 00'' W.
Cape Patience (near Robben Island)	48 ° 55' 00'' N.	144 ° 42' 00'' E.
Cape Prince of Wales	65 ° 30' 00'' N.	168 ° 00' 00'' W.
Cape Rodney	64 ° 40' 00'' N.	166 ° 20' 00'' W.
Cape Romanzof	61 ° 30' 00'' N.	166 ° 30' 00'' W.
Cape Spencer	58 ° 30' 00'' N.	136 ° 35' 00'' W.
Cape St. Elias	59 ° 50' 00'' N.	145 ° 00' 00'' W.
Cape Race	46 ° 40' 00'' N.	52 ° 54' 00'' W.
Castillos Island (East Coast Patagonia)	34 ° 30' 00'' S.	53 ° 38' 00'' W.
Cerros Islands	28 ° 05' 00'' N.	115 ° 15' 00'' W.
Chatham Island	43 ° 48' 00'' S.	176 ° 30' 00'' W.
Chatham Sound	57 ° 30' 00'' N.	135 ° 00' 00'' W.
Chileot	59 ° 20' 00'' N.	136 ° 00' 00'' W.
Chugatch Bay. (See Prince William Sound.)		
Chirikof Island	55 ° 50' 00'' N.	155 ° 00' 00'' W.
Clallam County, Washington	48 ° 00' 00'' N.	120 ° 00' 00'' W.
Clayquot	49 ° 20' 00'' N.	126 ° 00' 00'' W.
Coal Bay, Cook's Inlet	59 ° 30' 00'' N.	151 ° 30' 00'' W.
Coal Point, Cook's Inlet	59 ° 30' 00'' N.	151 ° 30' 00'' W.
Columbia River	46 ° 00' 00'' N.	124 ° 00' 00'' W.
Commander Islands	55 ° 00' 00'' N.	167 ° 00' 00'' E.
Cook's Inlet	60 ° 00' 00'' N.	152 ° 30' 00'' W.
Coos Bay	43 ° 30' 00'' N.	124 ° 20' 00'' W.
Copper Island	54 ° 50' 00'' N.	168 ° 00' 00'' E.
Copper River	60 ° 30' 00'' N.	145 ° 30' 00'' W.
Cordell Banks	38 ° 00' 00'' N.	124 ° 00' 00'' W.
Cross Sound	58 ° 20' 00'' N.	136 ° 30' 00'' W.
Crozetts Island	46 ° 20' 00'' S.	51 ° 15' 00'' E.
Cumberland Gulf or Sound	64 ° 30' 00'' N.	65 ° 00' 00'' W.
Desolation Island. (See Kerguelen Land, Kerguelen Island.)		

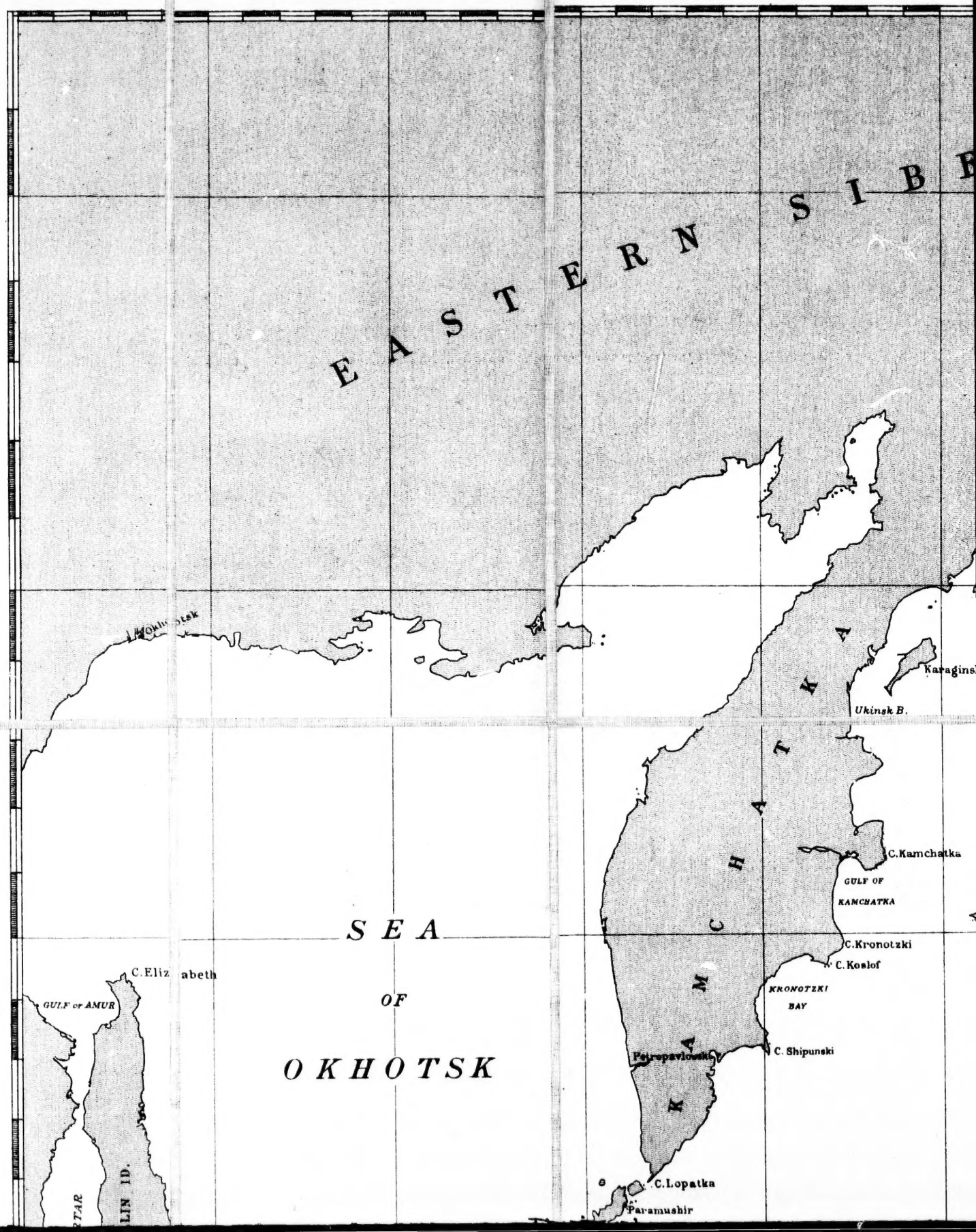
	Latitude.	Longitude.
Destruction Island	47 ° 30' 00'' N.	124 ° 30' 00'' W.
Diomed Island	65 ° 47' 00'' N.	168 ° 55' 00'' W.
Dixon Entrance	54 ° 30' 00'' N.	132 ° 30' 00'' W.
Dodges Cove, Barclay Sound	49 ° 00' 00'' N.	125 ° 00' 00'' W.
Dundas Island, Dixons Entrance	54 ° 30' 00'' N.	131 ° 00' 00'' W.
Falkland Islands, South America	51 ° 40' 00'' S.	59 ° 00' 00'' W.
Farillonne Islands	37 ° 45' 00'' N.	123 ° 00' 00'' W.
Fort Alexander	59 ° 00' 00'' N.	158 ° 30' 00'' W.
Fort Ross	38 ° 30' 00'' N.	123 ° 15' 00'' W.
Fort Wrangell	56 ° 25' 00'' N.	132 ° 10' 00'' W.
Four Mountain Pass	53 ° 00' 00'' N.	169 ° 30' 00'' W.
Fort Simpson, Dixon Entrance (affidavit of H. W. Elliott)	54 ° 30' 00'' N.	130 ° 00' 00'' W.
Frozen Ocean. (See Bering Sea.)		
Fox Islands	53 ° 30' 00'' N.	167 ° 00' 00'' W.
Frobisher Strait	62 ° 18' 00'' N.	65 ° 00' 00'' W.
Galapagos Islands	00 ° 00' 00'' S.	90 ° 30' 00'' W.
Georgian Islands, South Pacific	55 ° 00' 00'' S.	36 ° 30' 00'' W.
Glacier Bay	58 ° 30' 00'' N.	136 ° 00' 00'' W.
Goughs Island, South Atlantic	40 ° 00' 00'' S.	9 ° 44' 00'' W.
Grays Harbor, Chehalis County, Wash	47 ° 00' 00'' N.	124 ° 00' 00'' W.
Greys Harbor. (See Grays Harbor.)		
Green Island, Prince William Sound	60 ° 20' 00'' N.	147 ° 30' 00'' W.
Guadeloupe Island	29 ° 00' 00'' N.	118 ° 15' 00'' W.
Gulf of Penas, South America (affidavit of Capt. Buddington)	47 ° 30' 00'' S.	75 ° 00' 00'' W.
Gulf of St. Lawrence, east coast of Canada	48 ° 00' 00'' N.	62 ° 00' 00'' W.
Halfway Point, Pribilof Islands	57 ° 00' 00'' N.	170 ° 00' 00'' W.
Hudson Bay	51 ° and 70° N. and 77° and 95° W.	
Humboldt Harbor, near Cape Mendocino	40 ° 50' 00'' N.	124 ° 00' 00'' W.
Hyda Indians, southern part of Prince of Wales Island.		
Ice Bay	60 ° 30' 00'' N.	148 ° 25' 00'' W.
Icy Bay	60 ° 00' 00'' N.	141 ° 30' 00'' W.
Iliamna Lake	59 ° 30' 00'' N.	155 ° 00' 00'' W.
Iliulink, Unalaska Island	53 ° 40' 00'' N.	166 ° 30' 00'' W.
Irkutsk	52 ° 20' 00'' N.	104 ° 06' 00'' E.
Jan Mayen	71 ° 04' 00'' N.	7 ° 36' 00'' W.
Juan Fernandez	33 ° 42' 00'' S.	78 ° 45' 00'' W.
Juneau	58 ° 20' 00'' N.	134 ° 00' 00'' W.
Kalgin Island	60 ° 30' 00'' N.	152 ° 00' 00'' E.
Karaginskoi Island	59 ° 00' 00'' N.	164 ° 00' 00'' E.
Karta Bay	55 ° 30' 00'' N.	132 ° 00' 00'' W.
Kenai Bay	60 ° 30' 00'' N.	151 ° 40' 00'' W.
Kerguelen Land	50 ° 00' 00'' S.	70 ° 00' 00'' E.

	Latitude.	Longitude.
Kerhuelan Land. (<i>See Kerguelen Land.</i>)		
Kiakhta, China.....	50 ° 22' 00'' N.	116 ° 50' 00'' E.
Killisnoo, Chatham Sound.....	57 ° 30' 00'' N.	134 ° 30' 00'' W.
Killisnoo Indians.		
King George Indian.		
Kolmakóf Redoubt, Kuskonim River.....	61 ° 50' 00'' N.	157 ° 45' 00'' W.
Koloshian Archipelago. (<i>See Alexander Archipelago.</i>)		
Kolyma River.....	69 ° 30' 00'' N.	161 ° 30' 00'' W.
Kotzebue Sound.....	66 ° 45' 00'' N.	164 ° 00' 00'' W.
Kurile Islands.....	47 ° 00' 00'' N.	152 ° 00' 00'' E.
Kuskoquim River.....	60 ° 00' 00'' N.	162 ° 00' 00'' W.
Kyoquot Sound, Vancouver Island.....	50 ° 00' 00'' N.	127 ° 30' 00'' W.
Ladrone Islands.....	17 ° 00' 00'' N.	146 ° 00' 00'' E.
Lituya Bay.....	58 ° 35' 00'' N.	137 ° 20' 00'' W.
Lobos Islands, South America.....	35 ° 00' 00'' S.	54 ° 50' 00'' W.
Loring.....	55 ° 35' 00'' N.	131 ° 35' 00'' W.
Lynn Canal.....	58 ° 30' 00'' N.	135 ° 00' 00'' W.
Magdalene Islands, in Gulf of St. Lawrence.....	47 ° 00' 00'' N.	62 ° 00' 00'' W.
Macquarie Islands.....	54 ° 50' 00'' S.	159 ° 00' 00'' E.
Makah Indians, in Clallam County, Washington, near Neah Bay.		
Makushin.....	54 ° 00' 00'' N.	167 ° 00' 00'' W.
Masafuera Island (Chile).....	33 ° 45' 00'' S.	80 ° 49' 00'' W.
Middleton Island.....	59 ° 30' 00'' N.	146 ° 30' 00'' W.
Mitrofanin Bay.....	55 ° 50' 00'' N.	158 ° 30' 00'' W.
Mount Crillon.....	58 ° 45' 00'' N.	137 ° 30' 00'' W.
Mount Fairweather.....	59 ° 00' 00'' N.	137 ° 40' 00'' W.
Mount St. Elias.....	60 ° 20' 00'' N.	140 ° 55' 30'' W.
Neah Bay.....	48 ° 22' 00'' N.	124 ° 37' 00'' W.
New Archangel. (<i>See Sitka.</i>)		
New Metlakatla, Prince of Wales Island.		
New Zealand.....	42 ° 00' 00'' S.	174 ° 00' 00'' E.
Nitnat Indians, Barclay Sound.....	48 ° 40' 00'' N.	124 ° 52' 00'' W.
Nootka Sound.....	49 ° 30' 00'' N.	126 ° 40' 00'' W.
Norton Sound.....	64 ° 00' 00'' N.	163 ° 00' 00'' W.
Nova Zembla.....	71 ° to 77 ° N.	53 ° to 69 ° E.
Orkney Islands.....	Between 58 ° 30' to 59 ° 30' N.	2 ° 30' to 3 ° 30' W.
Nuchek (Prince William Sound) (affidavit of H. W. Elliott).....	60 ° 30' 00'' N.	147 ° 00' 00'' W.
Nunivak Island, Bering Sea.....	60 ° 00' 00'' N.	166 ° 30' 00'' W.
Nushagak.....	59 ° 00' 00'' N.	157 ° 30' 00'' W.
Okhotsk Sea.....	55 ° 00' 00'' N.	150 ° 00' 00'' E.
Old Harbor, Kadiak Island.....	57 ° 20' 00'' N.	153 ° 20' 00'' W.
Oomnak (affidavit of H. W. Elliott).....	53 ° 20' 00'' N.	168 ° 20' 00'' W.
Otter Island.....	57 ° 05' 00'' N.	170 ° 25' 00'' W.
Pachenah Bay, Vancouver Island.....	49 ° 00' 00'' N.	125 ° 00' 00'' W.

	Latitude.	Longitude.
Pampona Rock.....	59 ° 00' 00'' N.	143 ° 00' 00'' W.
Patagonia, South America.....	45 ° 00' 00'' S.	70 ° 00' 00'' W.
Pavlof Harbor.....	55 ° 25' 00'' N.	162 ° 00' 00'' W.
Petropavloski.....	53 ° 00' 00'' N.	158 ° 40' 00'' E.
Pieton opening, South America (affidavit of Capt. Budington).....	49 ° 15' 00'' S.	75 ° 18' 00'' W.
Point Barrow.....	71 ° 20' 00'' N.	156 ° 25' 00'' W.
Point Moller.....	55 ° 57' 00'' N.	160 ° 35' 00'' W.
Polavenia, or West Point on St. Paul.....	57 ° 00' 00'' N.	170 ° 00' 00'' W.
Popoff Island.....	55 ° 20' 00'' N.	160 ° 30' 00'' W.
Port Etches.....	60 ° 25' 00'' N.	146 ° 50' 00'' W.
Port Graham or Graham Harbor.....	59 ° 25' 00'' N.	151 ° 55' 00'' W.
Portland Channel.....	55 ° 00' 00'' N.	130 ° 00' 00'' W.
Portlock Bank, west, off Alaskan coast.....	58 ° 00' 00'' N.	150 ° 00' 00'' W.
Port Moller.....	56 ° 00' 00'' N.	161 ° 00' 00'' W.
Port Townsend, Puget Sound.....	48 ° 10' 00'' N.	123 ° 00' 00'' W.
Prince of Wales Island.....	55½ ° 00' 00'' N.	133 ° 00' 00'' W.
Prince William Sound.....	60½ ° 00' 00'' N.	147½ ° 00' 00'' W.
Pribilof Islands.....	57 ° 00' 00'' N.	170 ° 00' 00'' W.
Prince Edward Island.....	47 ° 00' 00'' S.	36 ° 00' 00'' W.
Puget Sound.....	48 ° 00' 00'' N.	122½ ° 00' 00'' W.
Queen Charlotte Islands.....	53 ° 00' 00'' N.	132 ° 00' 00'' W.
Queen Charlotte Sound.....	51 ° 00' 00'' N.	128 ° 00' 00'' W.
Robben Reef.....	48 ° 30' 00'' N.	144 ° 30' 00'' E.
Sable Island, Nova Scotia.....	43 ° 59' 00'' N.	59 ° 47' 00'' W.
St. Ambrose, South Pacific.....	26 ° 18' 00'' S.	79 ° 55' 00'' W.
St. Clement.....	32 ° 55' 00'' N.	118 ° 30' 00'' W.
St. Felix, South Pacific.....	26 ° 16' 00'' S.	80 ° 05' 00'' W.
St. George Island.....	56 ° 35' 00'' N.	169 ° 40' 00'' W.
St. Lawrence Islands.....	63 ° 30' 00'' N.	170 ° 00' 00'' W.
St. Matthew Island.....	60 ° 30' 00'' N.	172 ° 30' 00'' W.
Saint Michael.....	63 ° 30' 00'' N.	161 ° 10' 00'' W.
St. Miguel.....	37 ° 45' 00'' N.	25 ° 30' 00'' W.
St. Paul Island.....	38 ° 43' 00'' S.	77 ° 38' 00'' E.
St. Paul Island.....	57 ° 10' 00'' N.	170 ° 00' 00'' W.
St. Paul Harbor, Kadiak.....	57 ° 45' 00'' N.	152 ° 00' 00'' W.
St. Rosa.....	33 ° 57' 00'' N.	120 ° 00' 00'' W.
Santa Barbara.....	33 ° 25' 00'' N.	119 ° 05' 00'' W.
San Benito.....	28 ° 20' 00'' N.	115 ° 37' 00'' W.
Sand Point, Alaska.....	55 ° 20' 00'' N.	160 ° 20' 00'' W.
Sand Point, Pavloff Bay.....	55 ° 20' 00'' N.	161 ° 30' 00'' W.
San Francisco.....	37 ° 40' 00'' N.	122 ° 30' 00'' W.
San Diego, Cal.....	32 ° 43' 00'' N.	117 ° 10' 00'' W.
Sandwich Lands.....	55 ° 08' 06'' S.	70 ° 30' 00'' W.
San Juan de Fuca.....	48 ° 30' 00'' N.	124 ° 00' 00'' W.
Sannak.....	54 ° 30' 00'' N.	162 ° 30' 00'' W.
Seal Islands. (<i>See Pribilof.</i>)		



	Latitude.	Longitude.
Seattle	47° 35' 00" N.	122° 20' 00" W.
Senack Island. (See Sennak.)		
Sennak Island. (See Sennak.)		
"Seventy-second" Pass. (See Amukhta Pass.)		
Shanghai	31° 14' 00" N.	121° 29' 00" E.
Shumagin Islands	55° 00' 00" N.	160° 00' 00" W.
Sitka	57° 00' 00" N.	135° 20' 00" W.
Socorro Island	18° 42' 00" N.	111° 00' 00" W.
Soldovoi, Cook's Inlet	59° 30' 00" N.	151° 40' 00" W.
South Georgia Island, South America	54° 30' 00" S.	36° 31' 00" W.
South Shetland, South America	63° 30' 00" S.	53° to 63° W.
Spitzbergen	80° 00' 00" N.	20° 30' 00" E.
Stevens Passage (affidavit of Kaskan)	58° 00' 00" N.	134° 00' 00" W.
Stikine River	56° 20' 00" N.	132° 30' 00" W.
Straits of Fuca	48° 00' 00" N.	124° 00' 00" W.
Straits of Magellan	52° 30' 00" S.	68° 20' 00" W.
Straits of San Juan de Fuca. (See Straits of Fuca.)		
Taku Indians	58° 30' 00" N.	133° 30' 00" W.
Takoo. (See Taku.)		
Takou. (See Taku.)		
Tasmania	42° 00' 00" S.	146° 45' 00" E.
Terpiniya. (See Cape Patience.)		
Tierra del Fuego, South America	54° 00' 00" S.	71° 00' 00" W.
Tolstoi, Pribilof Islands	57° 00' 00" N.	170° 00' 00" W.
Triangle Island, off Vancouver shore	50° 50' 00" N.	129° 00' 00" W.
Tristan d'Acunha	37° 02' 00" S.	12° 18' 00" W.
Unalaska	53° 50' 00" N.	166° 30' 00" W.
Unimak Island	54° 45' 00" N.	164° 15' 00" W.
Unimak Pass	54° 15' 00" N.	165° 15' 00" W.
Unga	55° 15' 00" N.	160° 30' 00" W.
Upper Kenai (Cook's Inlet)	60° 35' 00" N.	151° 25' 00" W.
Vancouver Island	49° 45' 00" N.	126° 00' 00" W.
Victoria	48° 25' 00" N.	123° 23' 00" W.
Walrus Island	57° 00' 00" N.	170° 00' 00" W.
Whidby Island	48° 10' 00" N.	122° 35' 00" W.
Wood Island	55° 28' 00" S.	69° 48' 00" W.
Wrangell	56° 25' 00" N.	132° 15' 00" W.
Yakutat Bay	59° 40' 00" N.	140° 00' 00" W.
Yakutat Indians.		
Yakutsk	61° 58' 00" N.	129° 30' 00" E.
Yaquina Bay	44° 35' 00" N.	124° 00' 00" W.
Yenesei River	72° 30' 00" N.	85° 00' 00" E.
Yesso Island, Japan	43° 45' 00" N.	142° 30' 00" E.
Yokohama	35° 29' 00" N.	139° 42' 00" E.
Yukon River	62° 35' 00" N.	163° 40' 00" W.



EASTERN SIBERIA

SEA

OF

OKHOTSK

Kronotskiy

Karaginsk

Ukinsk B.

C. Kamchatka

GULF OF
KAMCHATKA

C. Kronotski

C. Koslof

KRONOTSKI
BAY

C. Shipunski

Petropavlovski

C. Lopatka

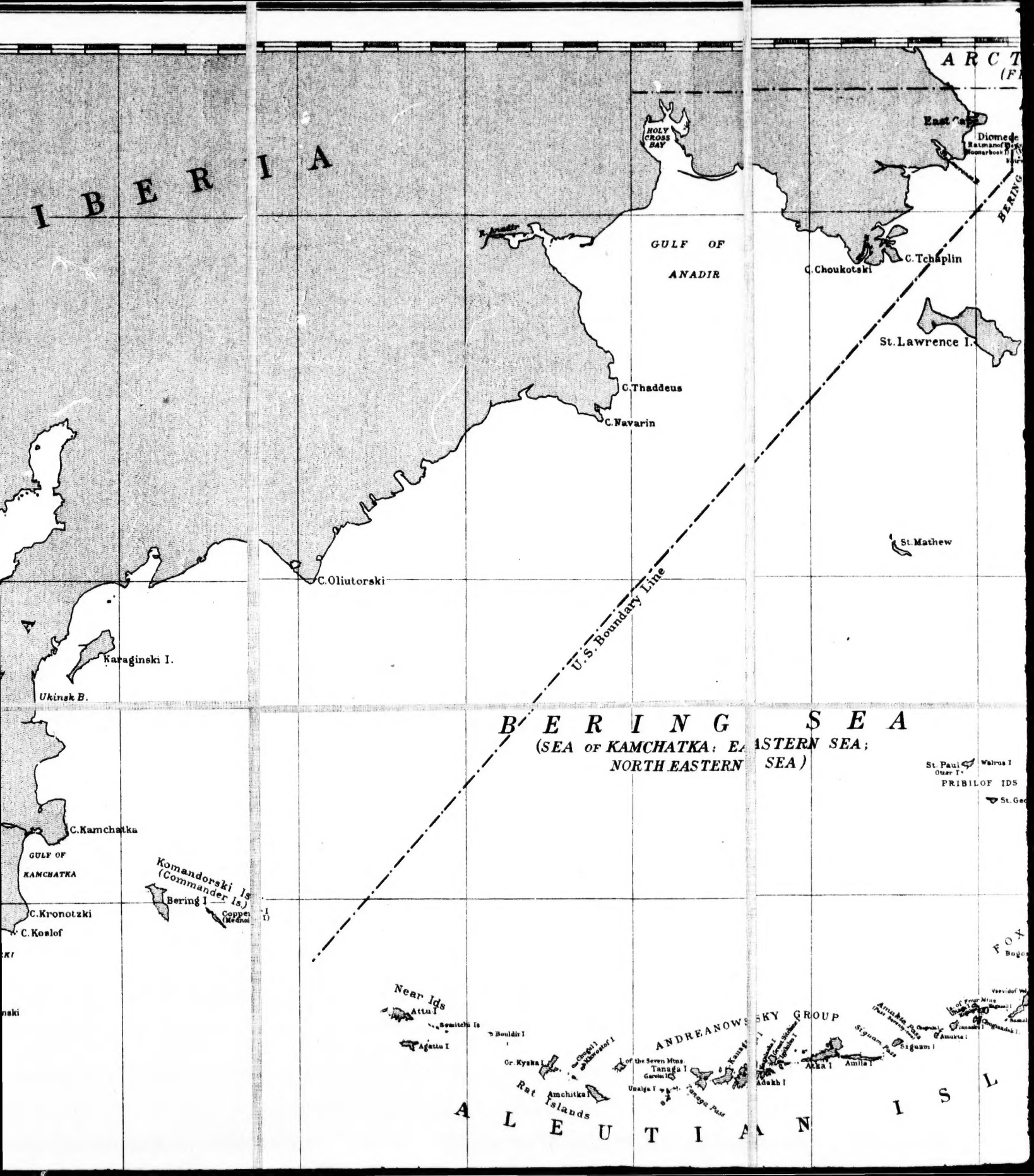
Paramushir

C. Elizabeth

GULF OF AMUR

STAR

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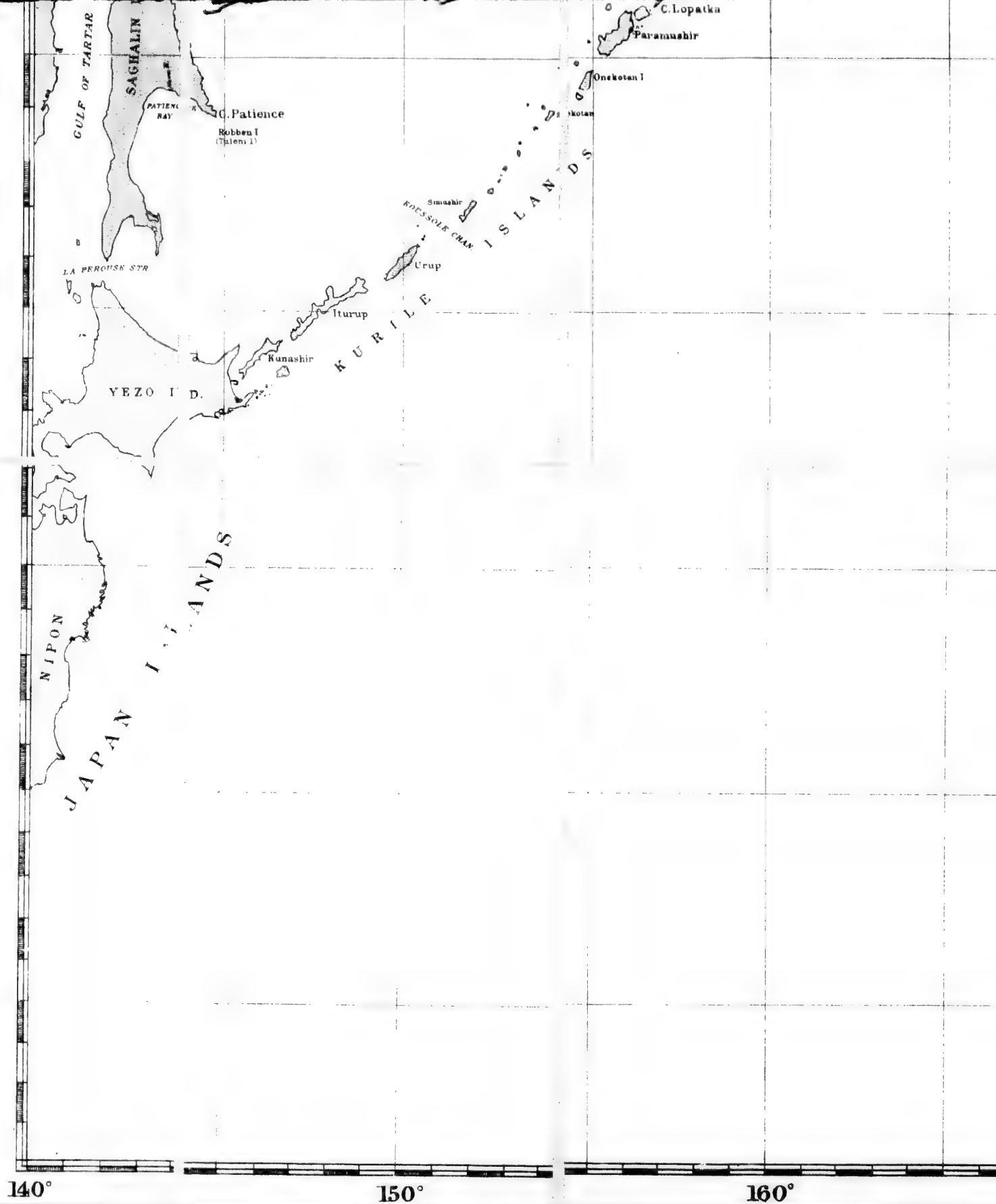


Aesthetic Circle

T E R R I T O R Y
O F A L A S K A

G U L F O F
A L A S K A





E U T I A N

P A C I F I C O
(*G R E A T O C E A N* , *S O U*)

Midway Ids

170°

180°

170°

16

O C E A N
S O U T H S E A

MAP
OF
BEERING S
AND THE
NORTH PACIFI



*Prepared at the Office of the
and Geodetic Survey
T. C. Mendenhall
Sup*

170° 168° 166° 164° 162° 160°

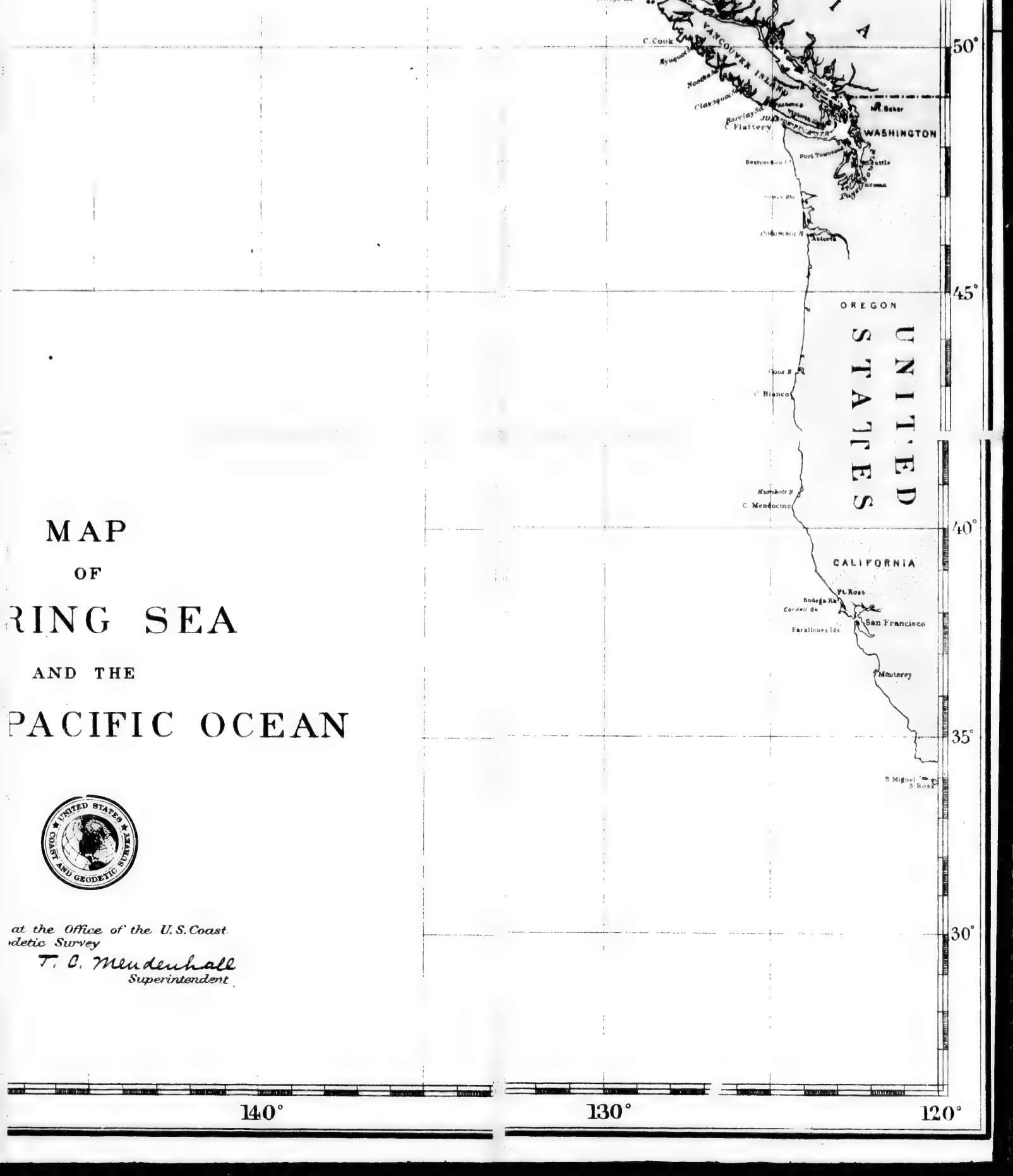
150°

MAP
OF
THE PACIFIC OCEAN

UNITED STATES

CALIFORNIA

at the Office of the U. S. Coast and Geodetic Survey
T. C. Mendenhall
Superintendent



MAP
OF
THE PACIFIC OCEAN

UNITED STATES

CALIFORNIA

at the Office of the U. S. Coast and Geodetic Survey
T. C. Mendenhall
Superintendent

MAP
OF
THE PACIFIC OCEAN

UNITED STATES

CALIFORNIA

at the Office of the U. S. Coast and Geodetic Survey
T. C. Mendenhall
Superintendent

ST. PAUL ISLAND

PRIBILOF GROUP

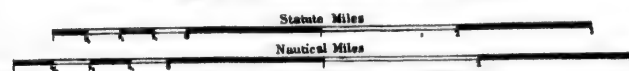
BERING SEA

ALASKA

Scale 60000

Triangulation by Dr. T. C. Mendenhall, Supdt. U. S. C. & G. Survey
Topography by J. Stanley-Brown, U. S. Geological Survey
Astronomical Observations by W. H. Dall in 1880.

Published April 1892, T. C. MENDENHALL, Superintendent.
Verified: B. A. Colonna, Assistant in charge of Office.



14 The Northshore from Cross Hill to Southwest Pt. is reported to be free of dangers; no reefs or shoals up to within half a mile of land. English Bay is shallow and affords anchorage only for vessels drawing 6 ft. or less.

SOUNDINGS IN FATHOMS

HEIGHTS IN FEET

11

9 gy. S.

5 1/2 gy. S.

3 1/2

5 gy. S.

Big Lake

27

26 R.

HIGH BLUFFS

S. W. Point

16

16

9 12

16

Lincoln
& Bright

Zapadnie Rookery

English Bay

Tolstoi Rookery

Tolstoi Pt.

Lagoon

Village Cove

Reef

5 Zapadnie Pt.

TELEGRAPH HILL

Lukannon Bay

Stony Pt.

Lukannon Rookery

Ketavie Rookery

Ketavie Pt.

BLACK BLUFFS

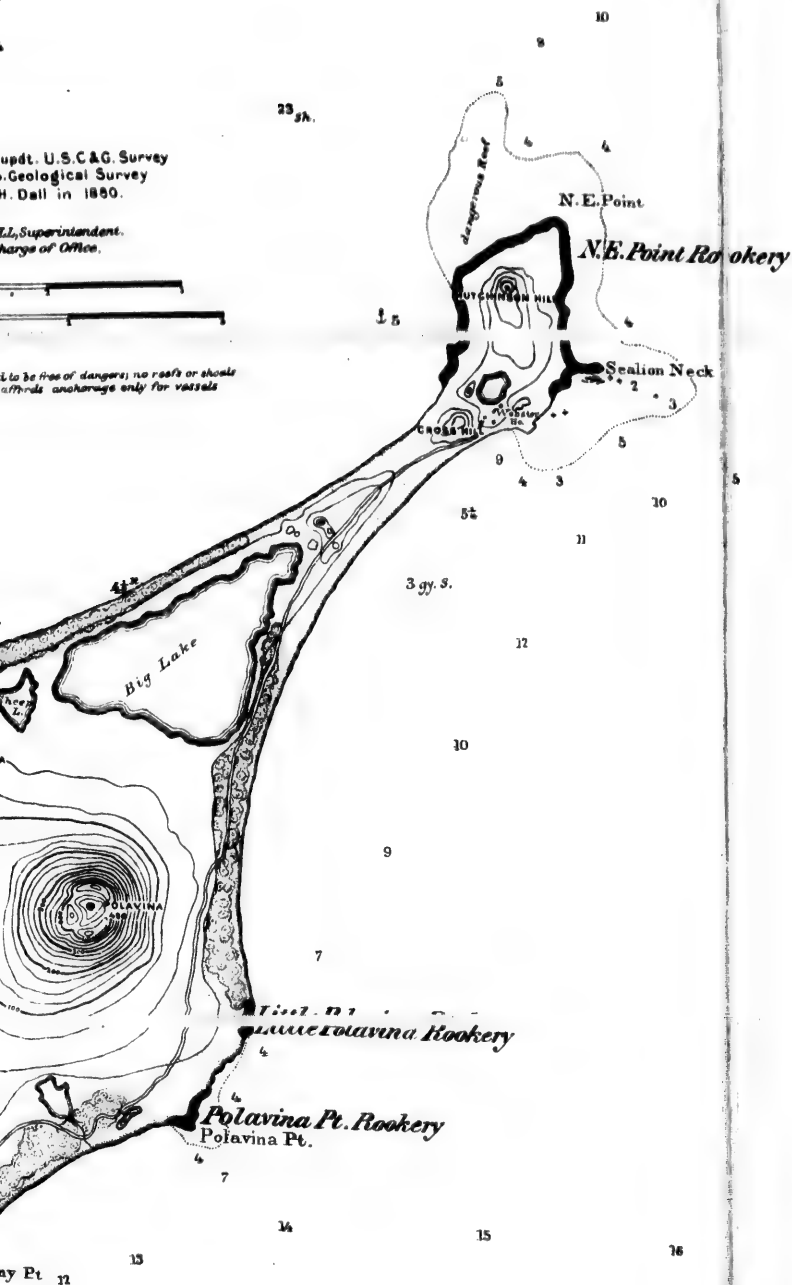
East Landing

LAND

Supdt. U.S.C.&G. Survey
U.S. Geological Survey
H. Dall in 1880.

L.L. Superintendent.
Charge of Office.

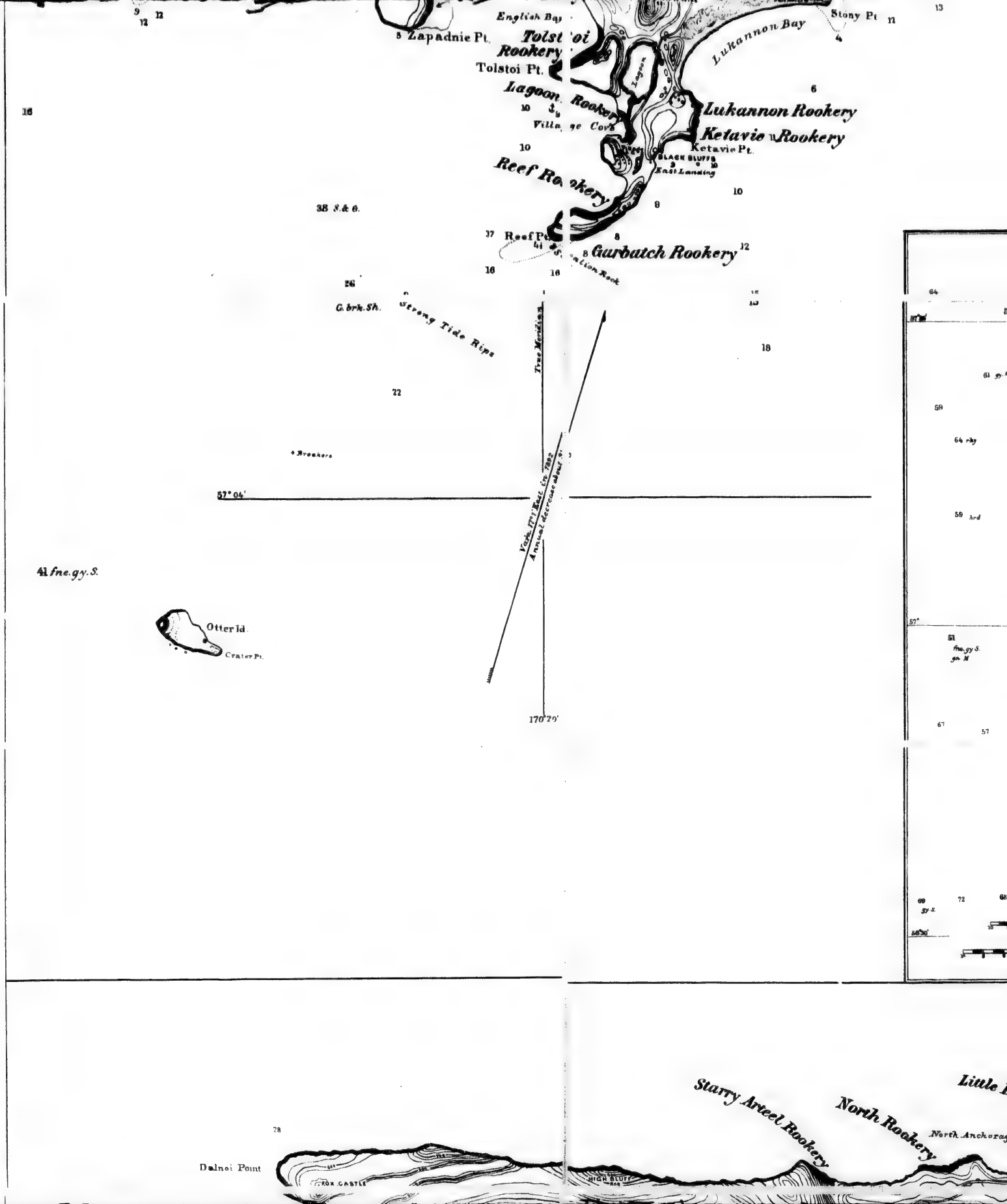
Not to be free of dangers; no reefs or shoals
affords anchorage only for vessels

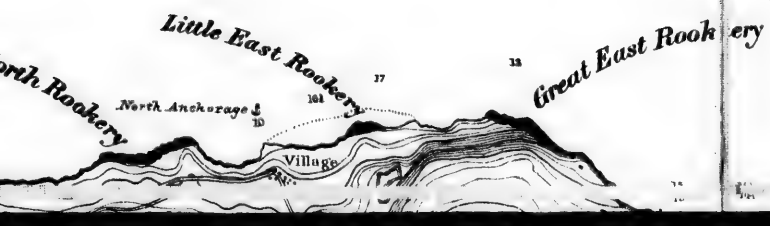
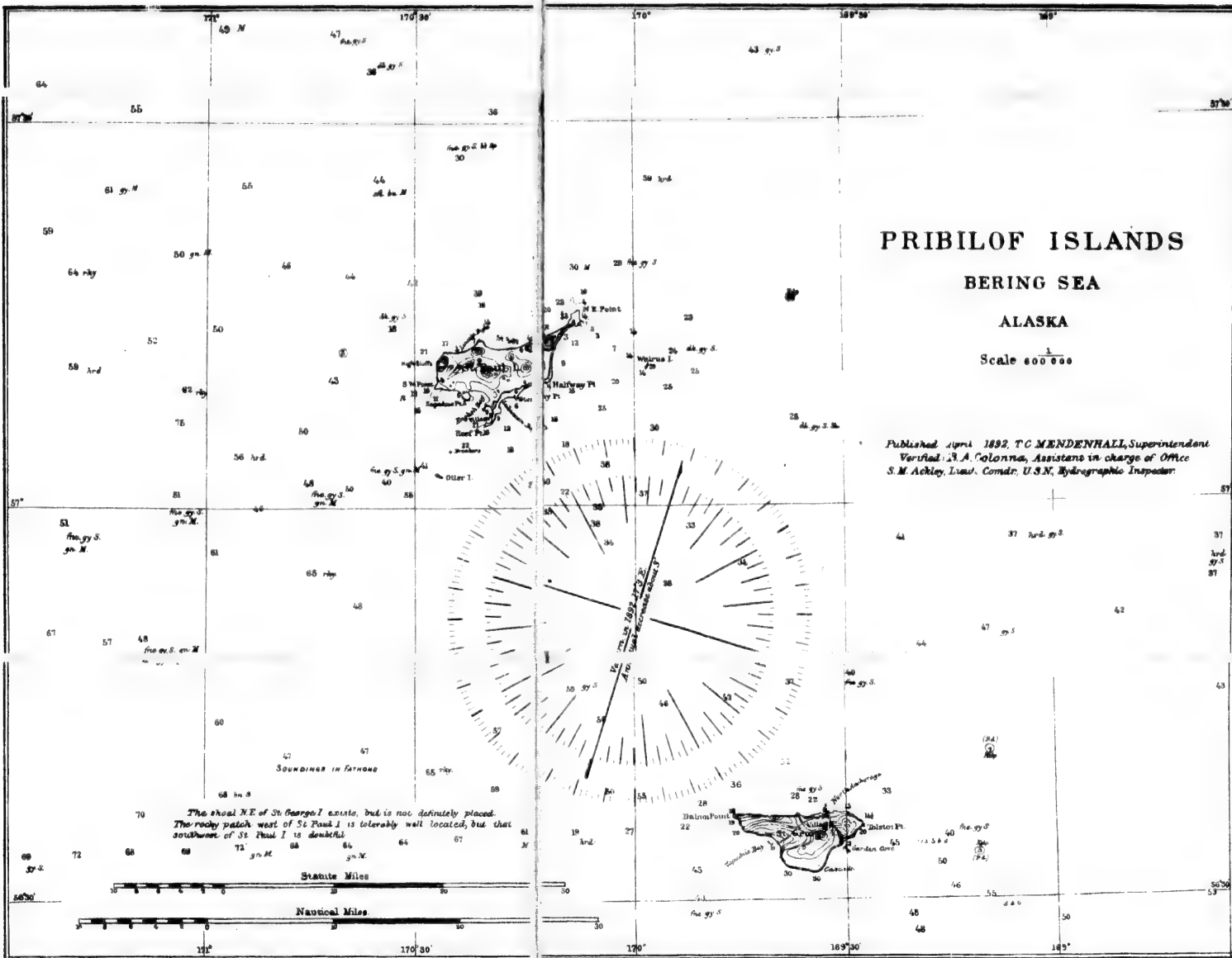


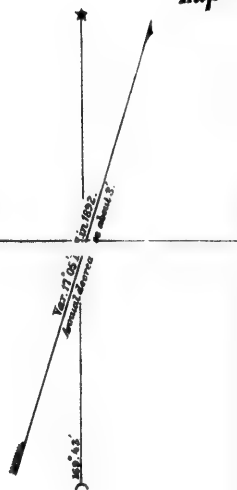
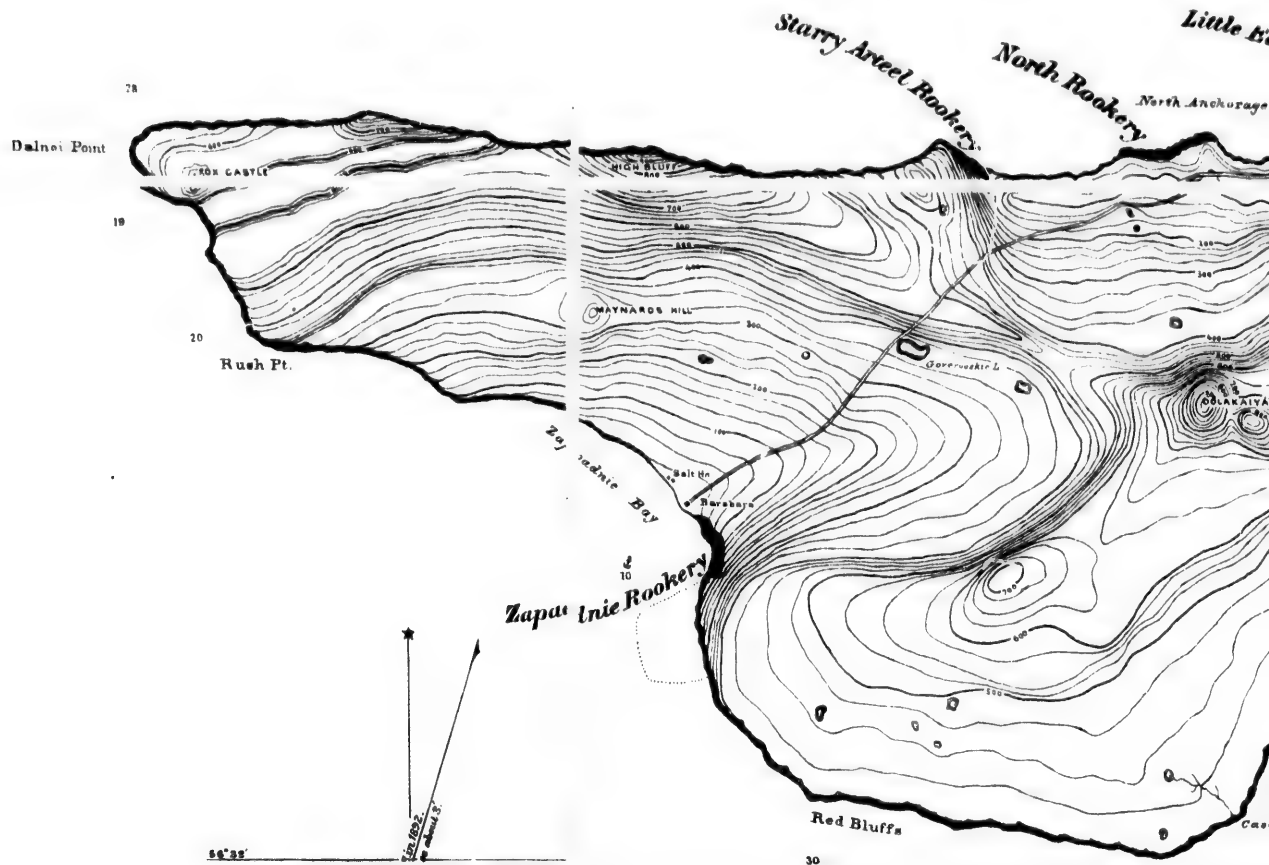
19 fms. gy. S.

14 fms. gy. S.

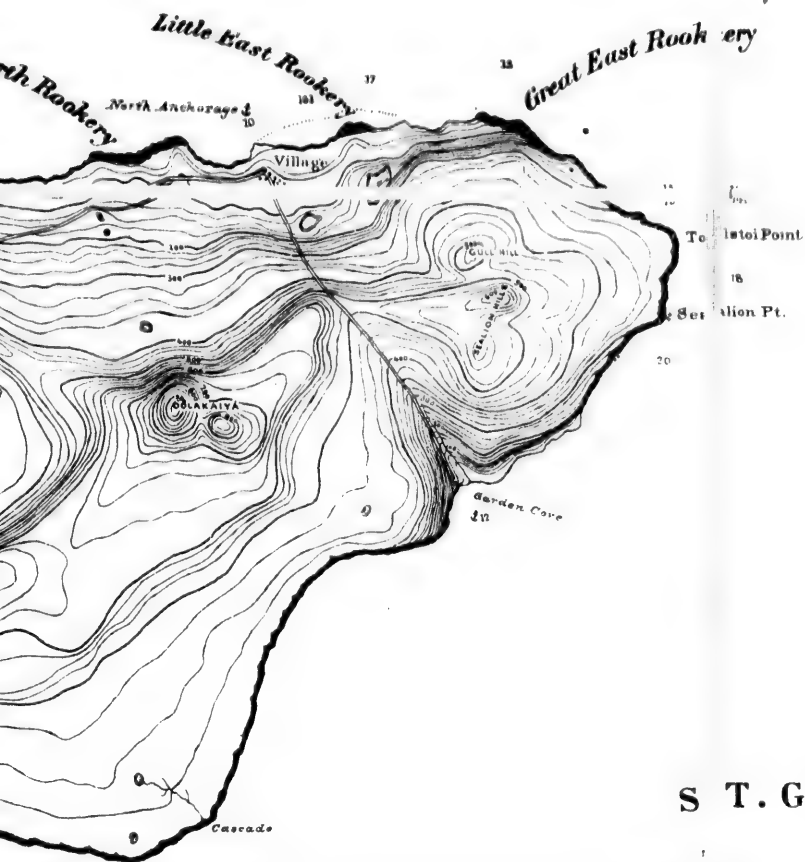
Walrus Id. 20
12
10
14
16







Latitude of House, Zapadni Bay 56°34' 23" North
 Longitude " " " " 169 39 50 West from Greenwich



ST. GEORGE ISLAND

PRIBILOF GROUP

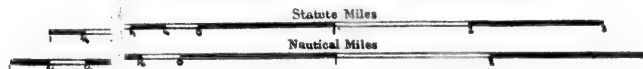
BERING SEA

ALASKA

Scale 1:10000

Surveyed by J. Stanley-Brown, U.S. Geological Survey
Astr. Observations by W. H. Dall, Assistant in 1874.

Published April 1892, T.C. MENDENHALL, Superintendent.
Verified: B.A. Colonna, Assistant in charge of Office.



Note: The anchorages about this island are poor except with the wind directly off the
land. With westerly winds and falling tide there are strong tide rips off Dalnoi Pt.

SOUNDINGS IN FATHOMS

HEIGHTS IN FEET

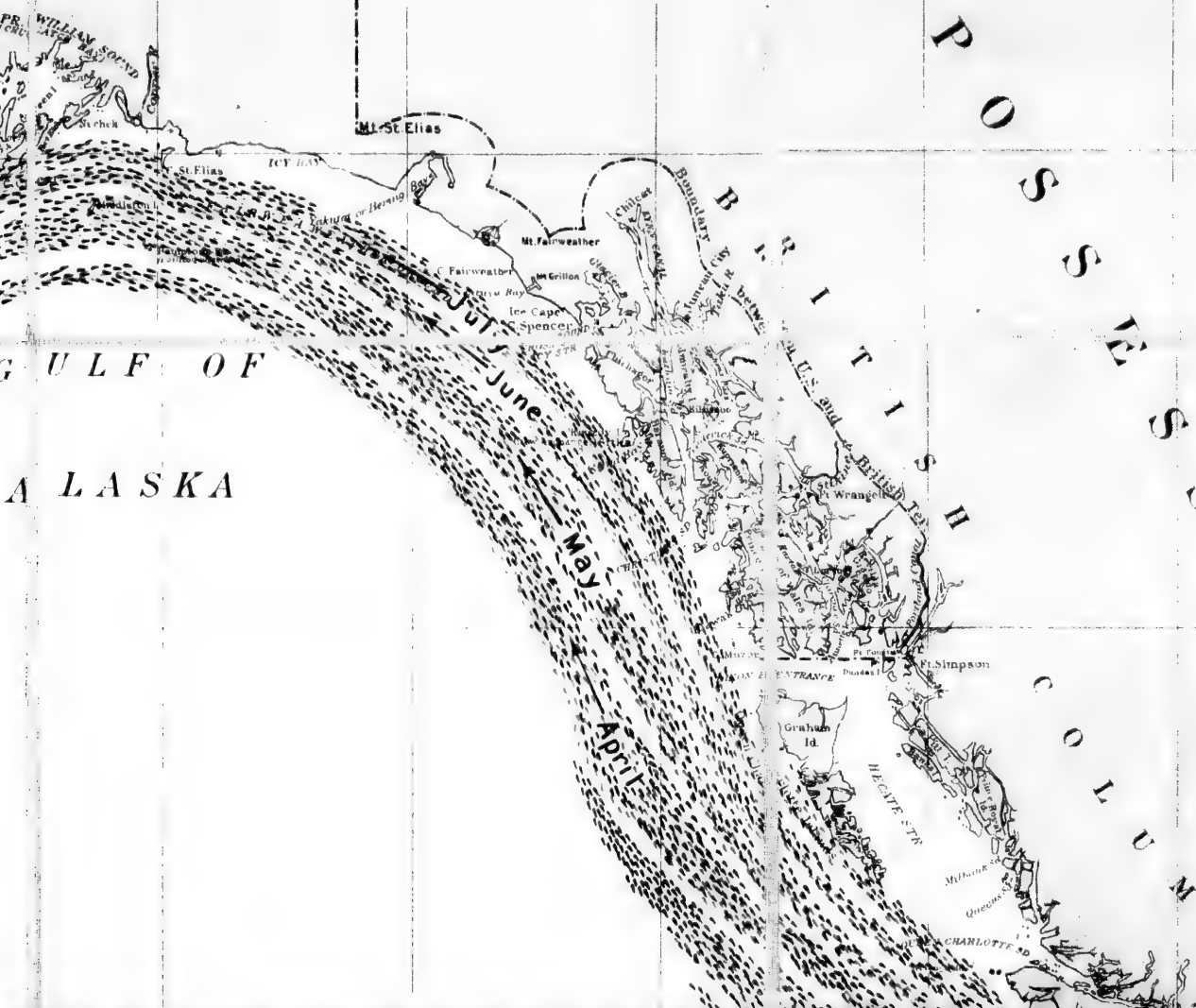
[illegible]

T E R R I T O R Y
O F A L A S K A

G U L F O
A L A S K A

**GULF OF
ALASKA**

51°



PACIFIC OCEAN
(GREAT OCEAN SOUTH SEA)

MIGRATION
SHOWING THE POSITION
ALASKAN SEALS
FROM
JANUARY TO JULY

Drawn from data collected
from testimony herewith

Note. The position of the herd for each month
of the herd along the coast, but is not intended
from land.

Black Female Seals.
Red Young Seals of both sexes under two years



Prepared at the Office of
and Geodetic Survey

T. C. Meade

170° 168° 166° 164° 162° 160° 150°

C E A N
(T H S E A)

IGRATION CHART

G THE POSITION OF THE

KAN SEAL HERD

FROM

RY TO JULY INCLUSIVE

rawn from data compiled
testimony herewith submitted.

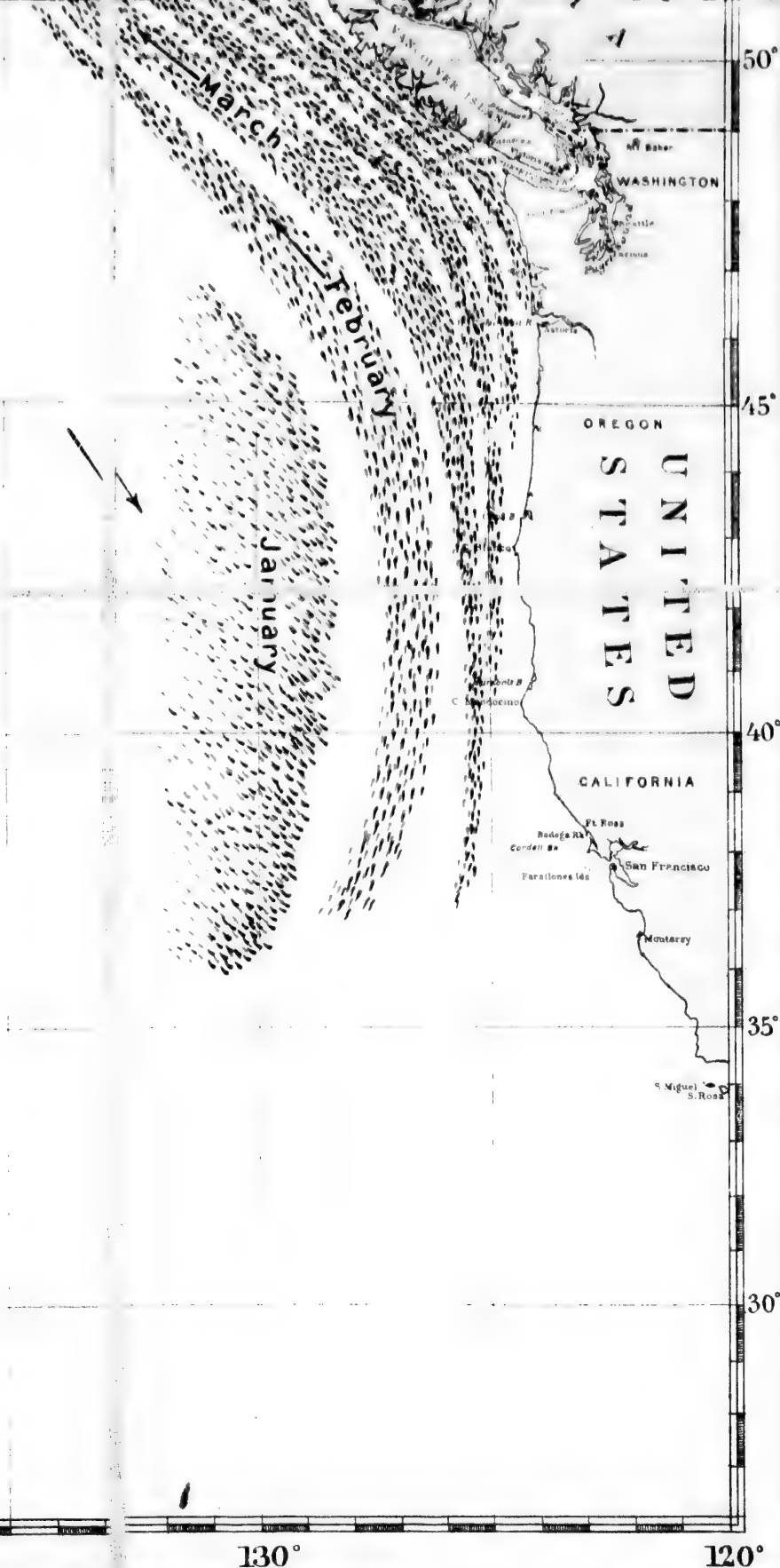
of the herd for each month represents the density and extent
the coast, but is not intended to show the distance the seals are

als.
ls of both sexes under two years of age



and at the Office of the U. S. Coast
Geodetic Survey

T. C. Mendenhall
Superintendent



140°

130°

120°

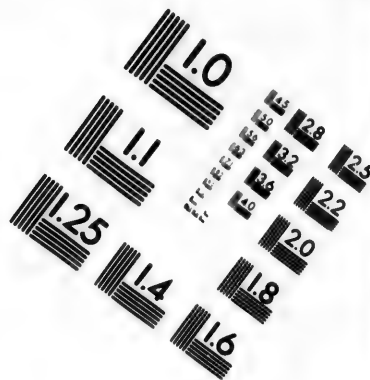
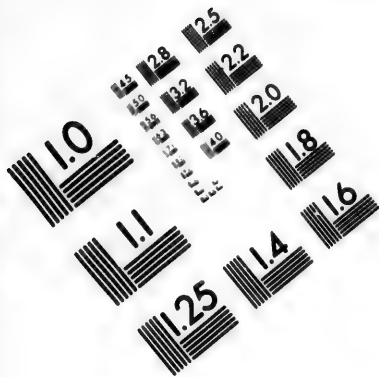
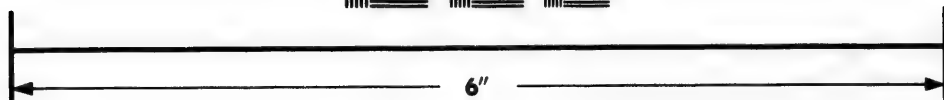
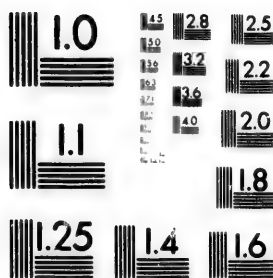


IMAGE EVALUATION TEST TARGET (MT-3)

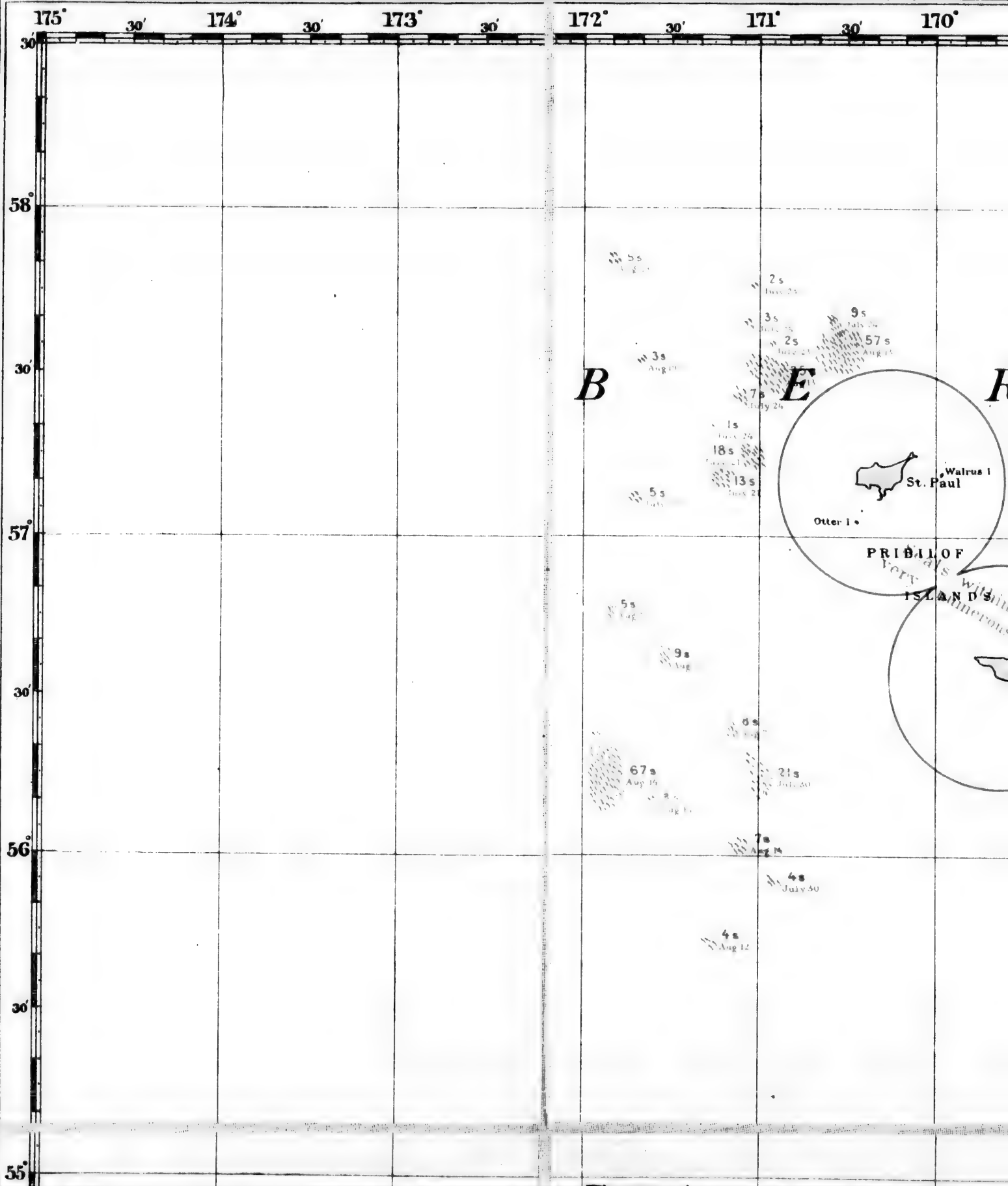


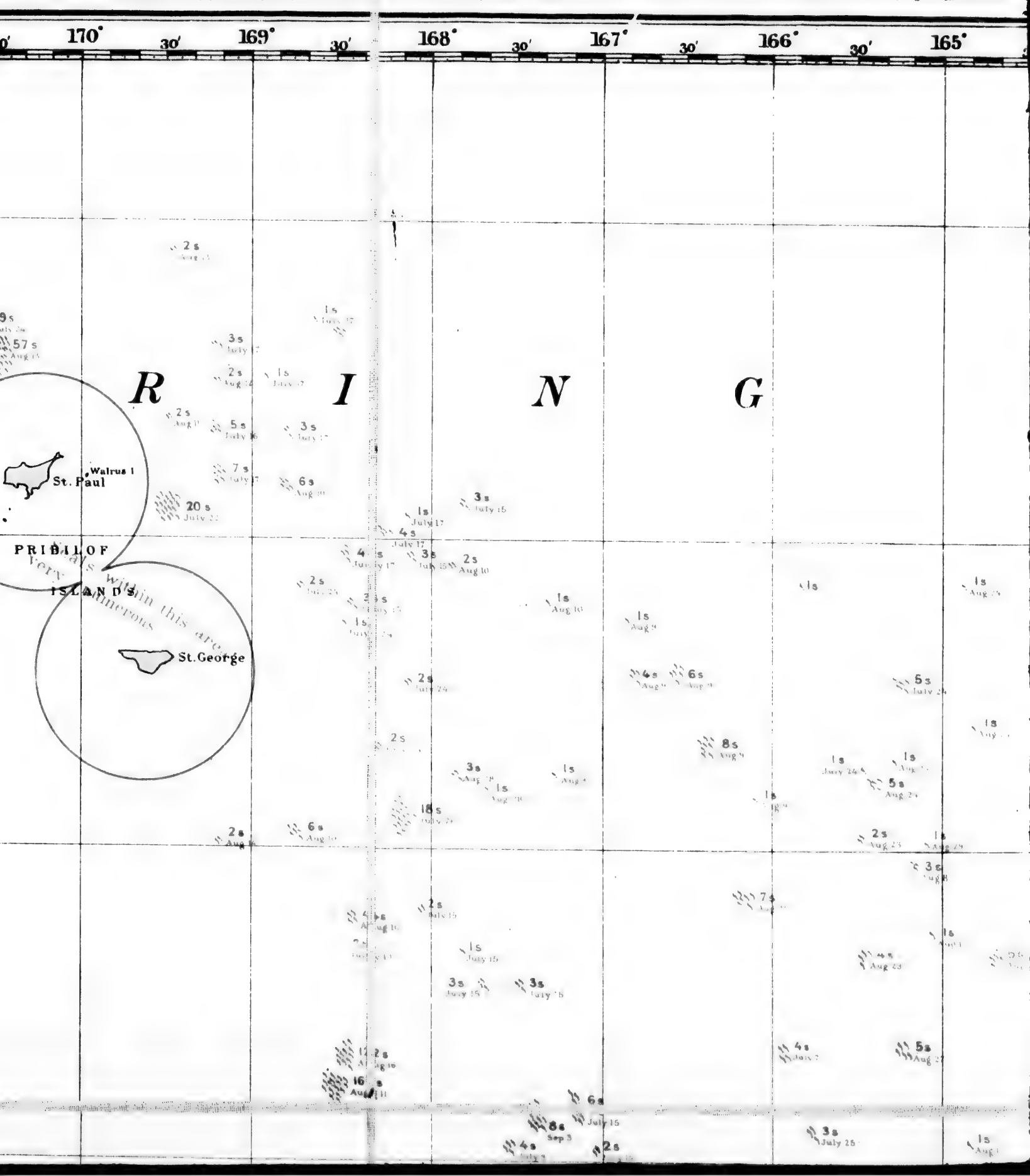
**Photographic
Sciences
Corporation**

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

1.5 2.8 2.5
1.6 1.2 2.2
1.4 2.0
1.8

1.5 1.2 1.0
1.6 1.4 1.2
1.8





165° 30' 164° 30' 163° 30' 162° 30' 161° 30'

S

E

A

1s
Aug 24

5s
Aug 24

1s
Aug 25

1s
Aug 27

1s
Aug 27

1s
Aug 29

3s
Aug 28

1s
Aug 30

5s
Aug 1

5s
Aug 27

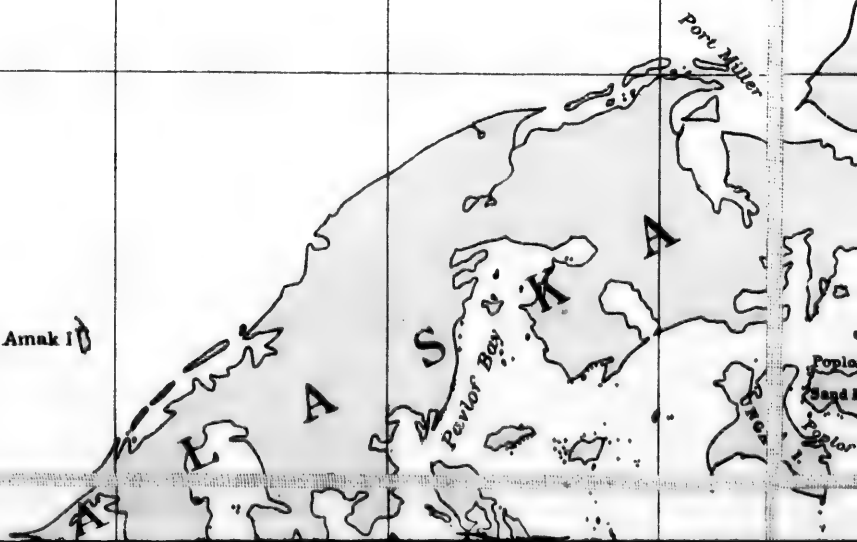
9s
Aug 29
4s
Aug 13

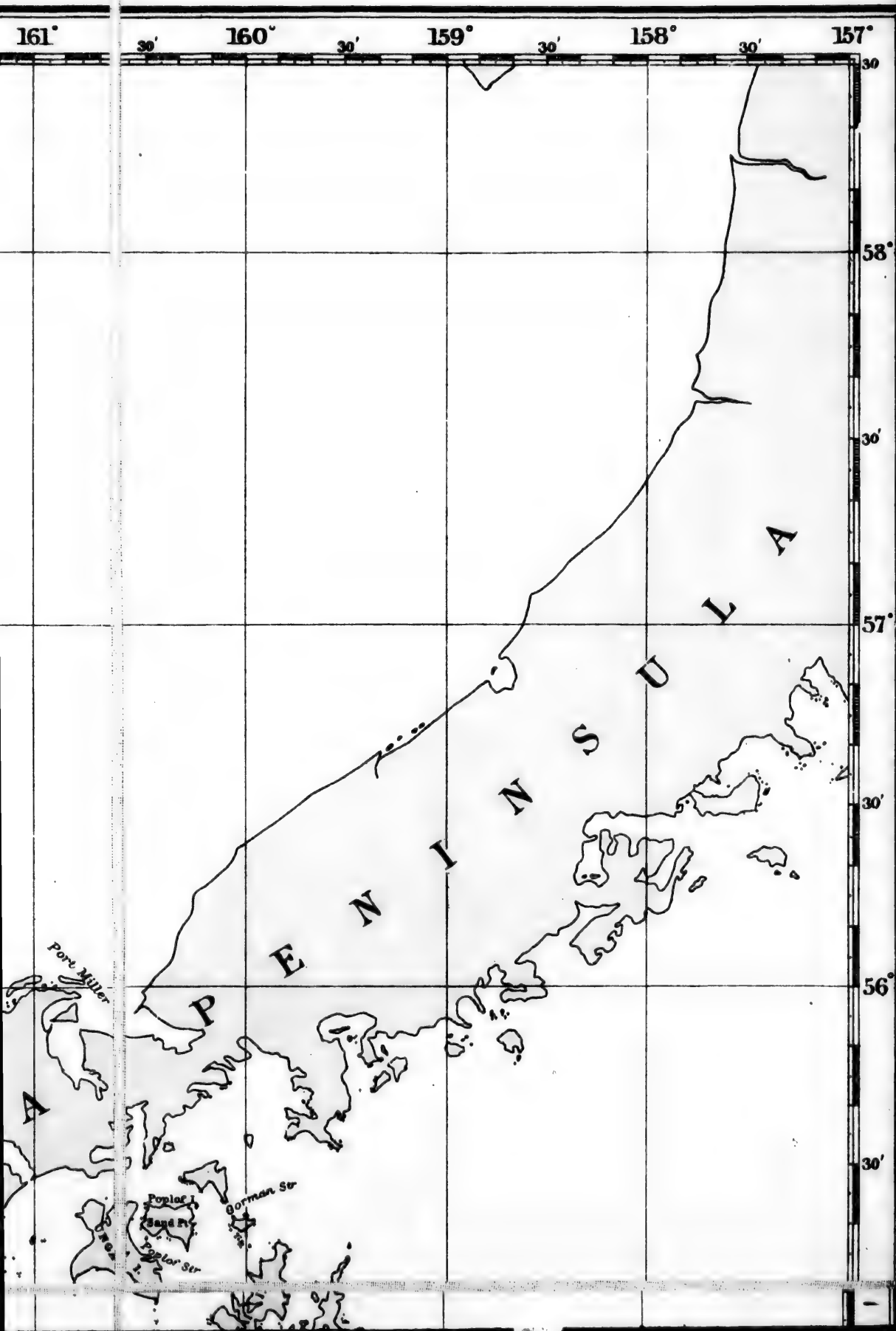
4s
Aug 13

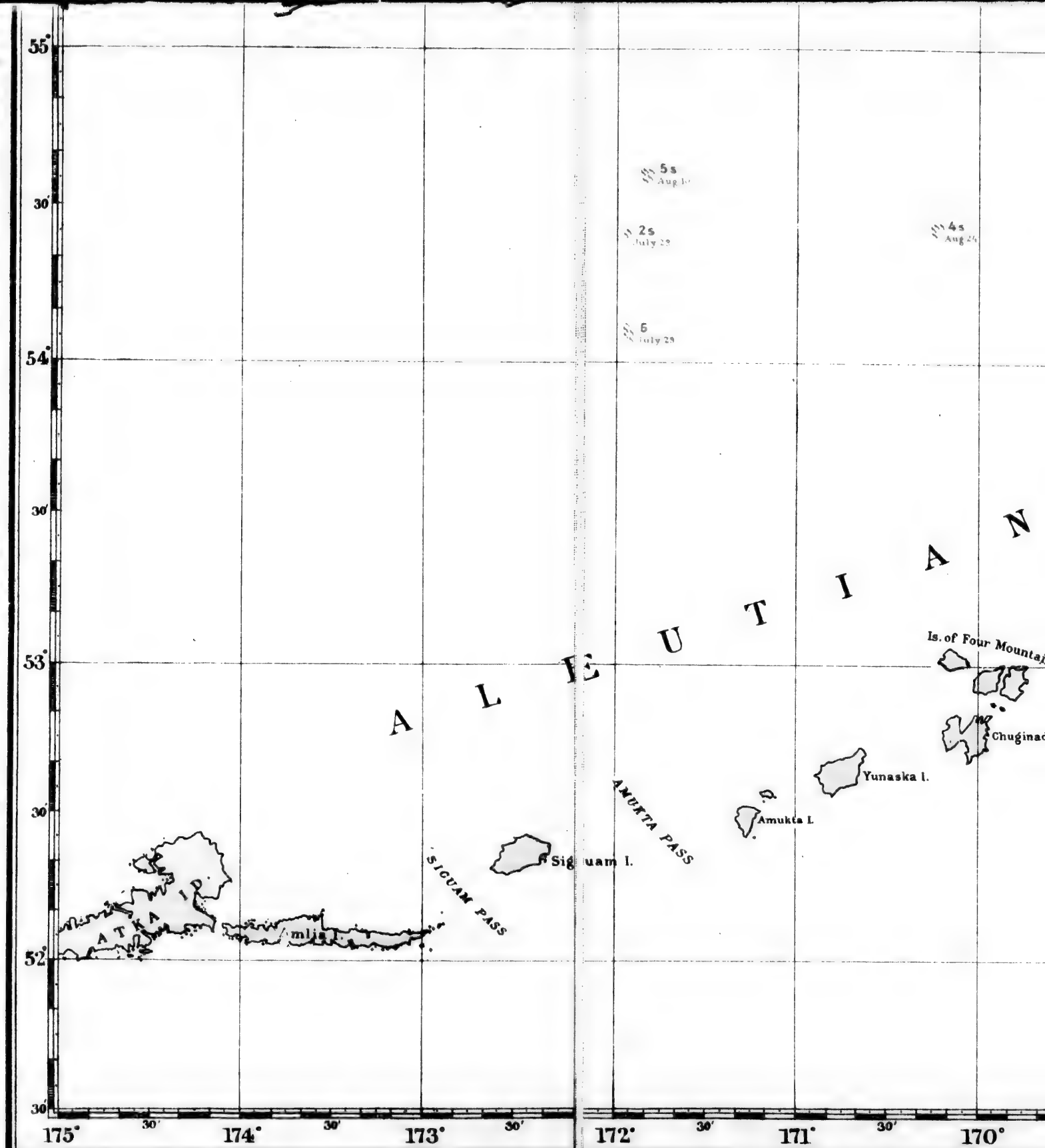
1s

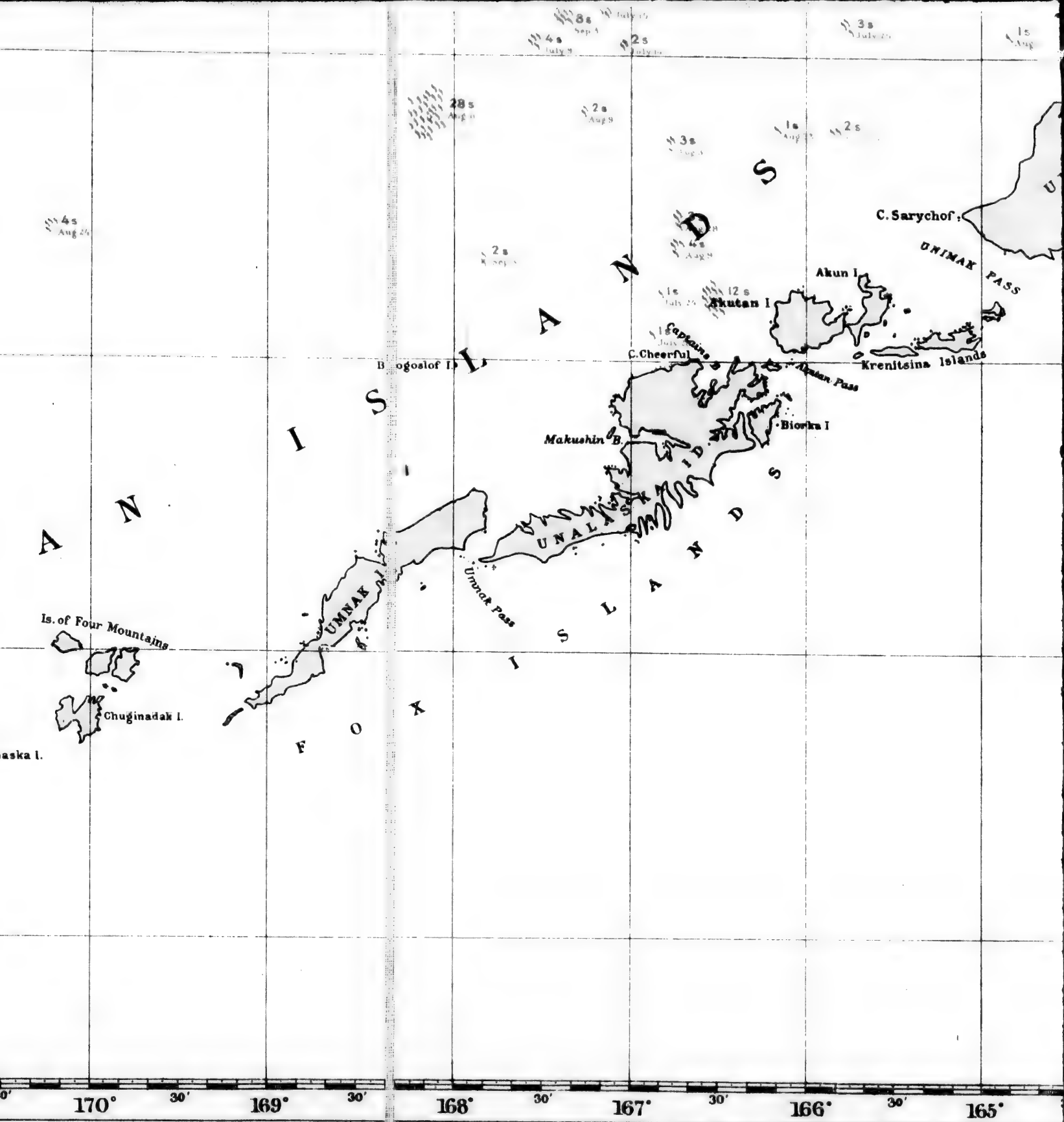
Amak 10

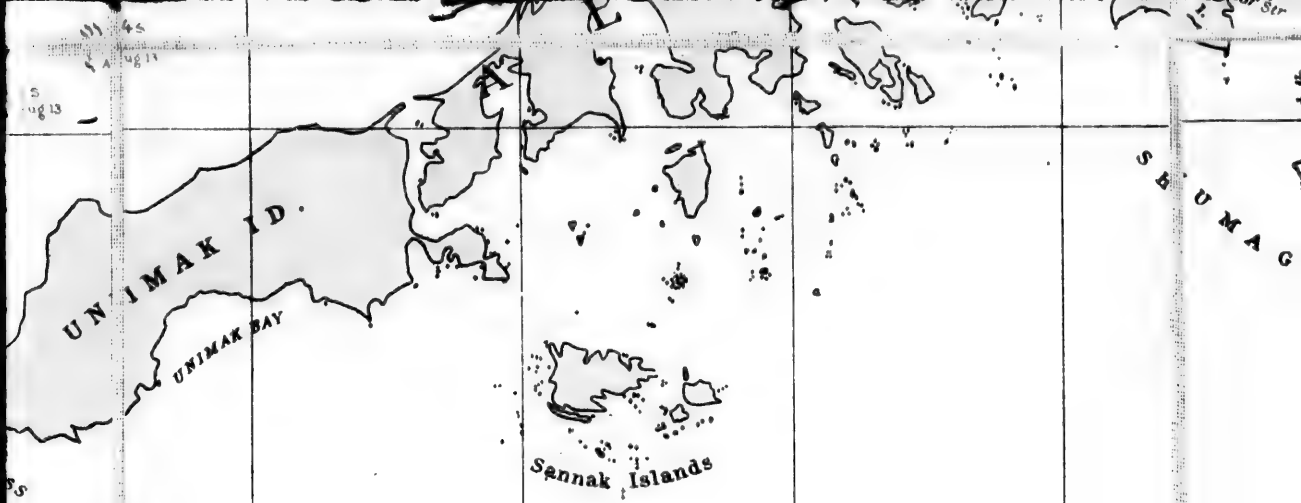
Port Miller











REPORTED BY

Prepared
and
in the

164° 30' 163° 30' 162° 30' 161° 30'



SEALING
CHART

SEALING CHART

Showing the position and
number of SEALS observed in

BERING SEA

and

SEEN BY UNITED STATES VESSELS

in

1891

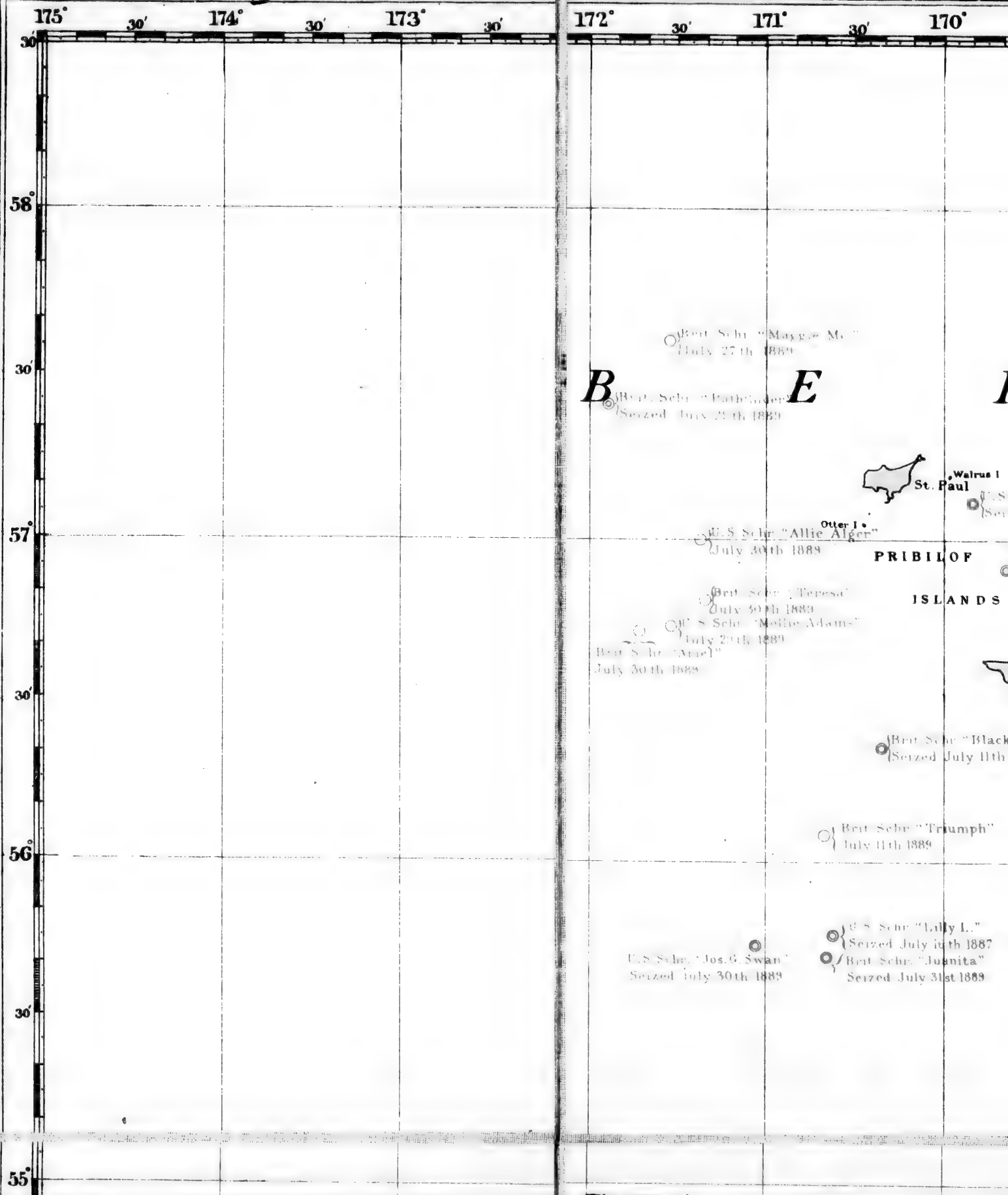


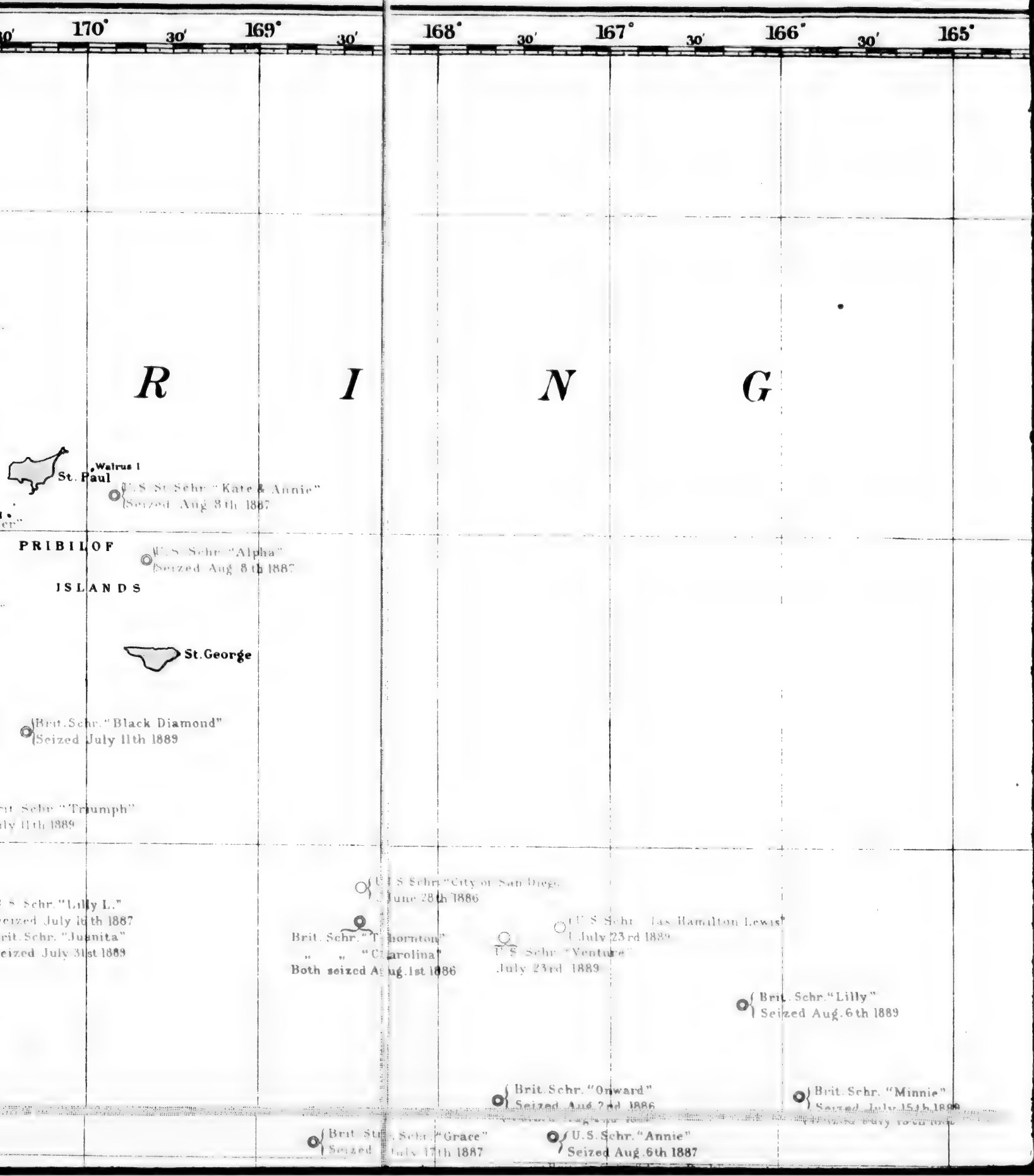
*Prepared at the Office of the U. S. Coast
and Geodetic Survey, from Official reports
in the possession of the State Department.*

*T. C. Meadehall
Superintendent*

161° 30' 160° 30' 159° 30' 158° 30' 157°

55°
30'
54°
30'
53°
30'
52°
30'





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G



St. Paul

U.S. Schr. "Kate & Annie"
Seized Aug. 8th 1887

PRIBILOF

ISLANDS

U.S. Schr. "Alpha"
Seized Aug. 8th 1887



St. George

Brit. Schr. "Black Diamond"
Seized July 11th 1889

U.S. Schr. "Triumph"
Seized July 11th 1889

U.S. Schr. "Lilly L."
Seized July 18th 1887
Brit. Schr. "Juanita"
Seized July 31st 1889

U.S. Schr. "City of San Diego"
Seized June 28th 1886

Brit. Schr. "Thornorton"
" " "Carolina"
Both seized Aug. 1st 1886

U.S. Schr. "Jas Hamilton Lewis"
Seized July 23rd 1889
U.S. Schr. "Ventura"
Seized July 23rd 1889

Brit. Schr. "Lilly"
Seized Aug. 6th 1889

Brit. Schr. "Onward"
Seized Aug. 2nd 1886

Brit. Schr. "Minnie"
Seized July 15th 1889

Brit. Schr. "Grace"
Seized July 17th 1887

U.S. Schr. "Annie"
Seized Aug. 6th 1887

165°

30'

164°

30'

163°

30'

162°

30'

161°

30'

S

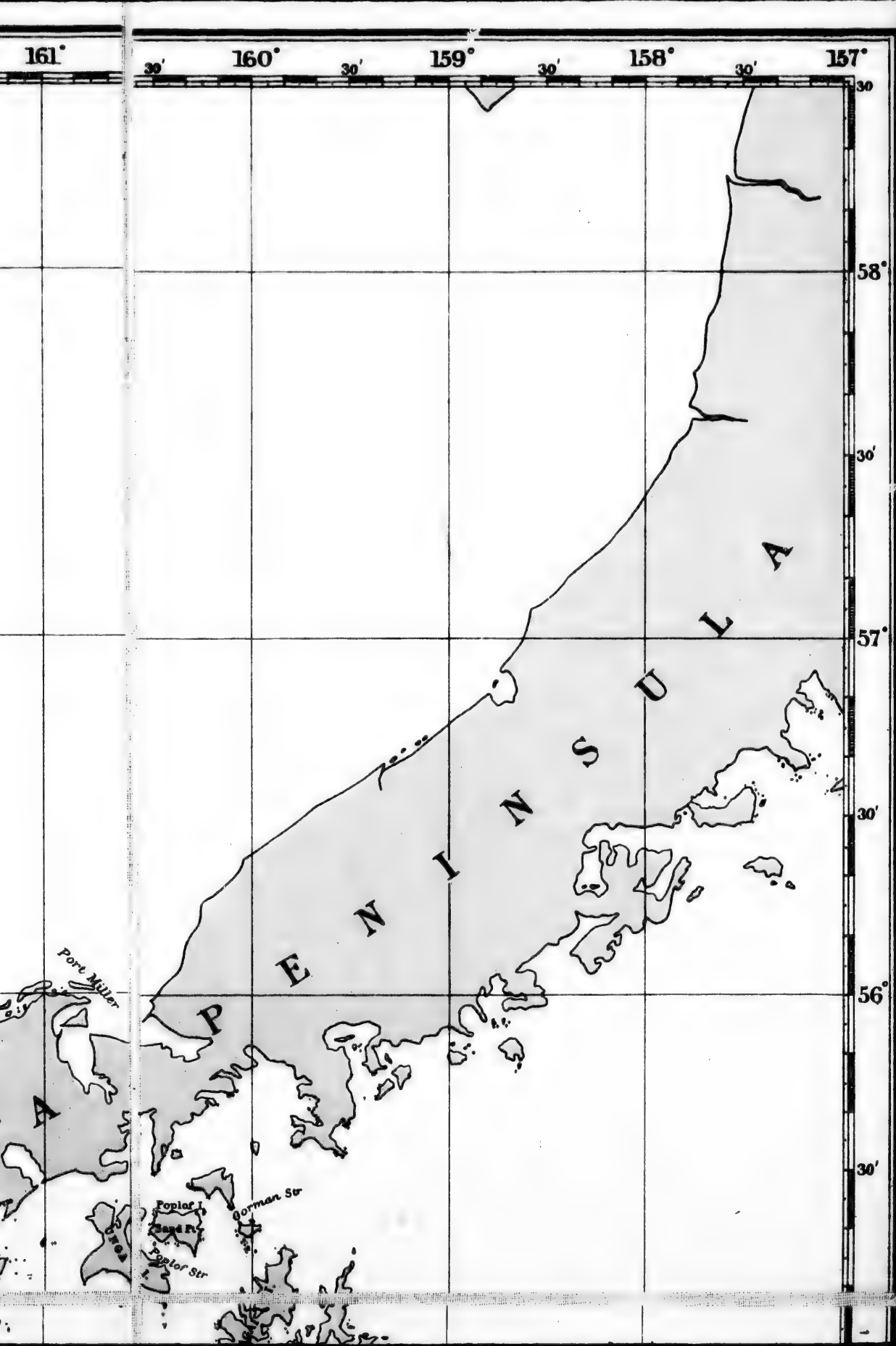
E

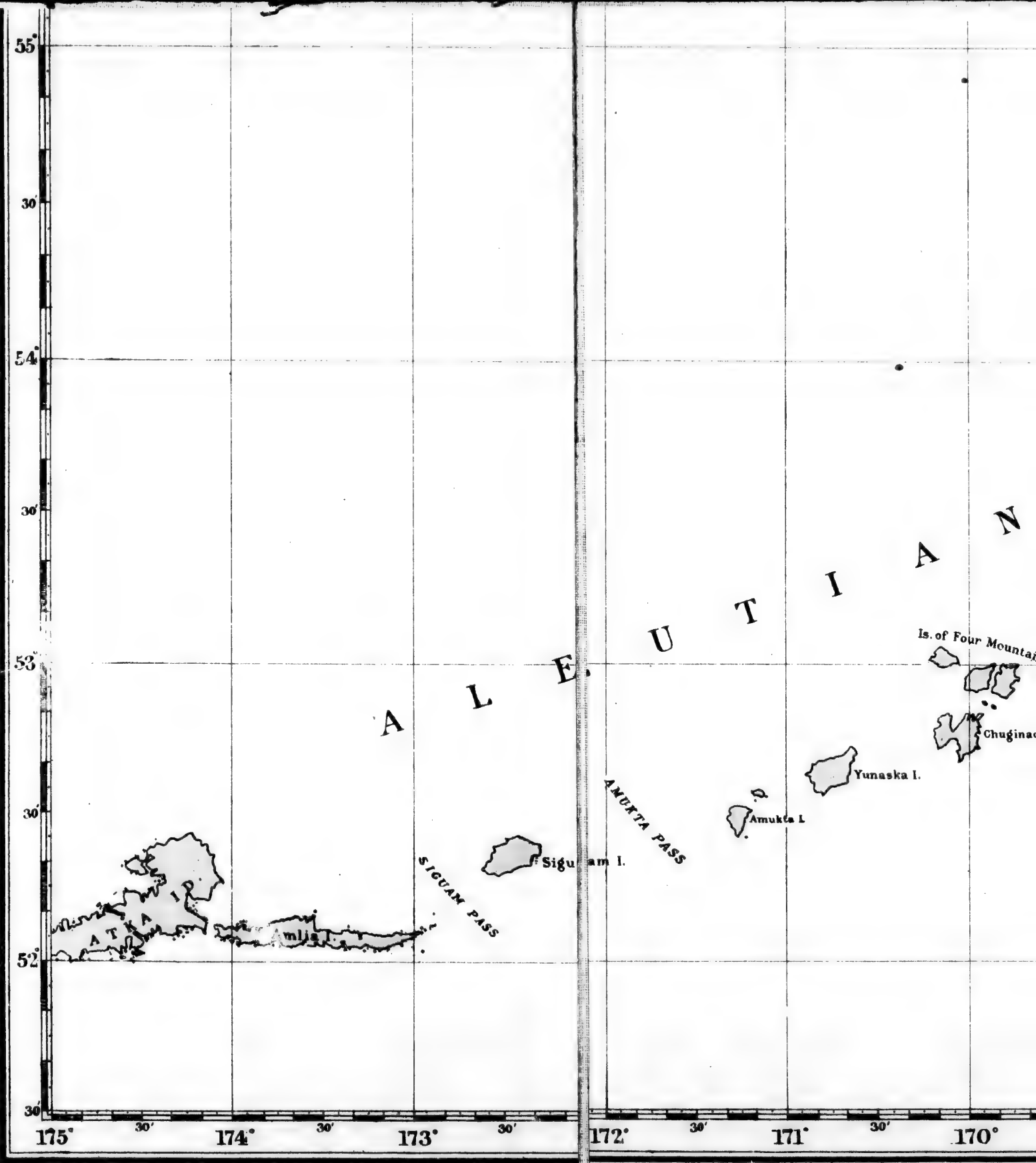
A

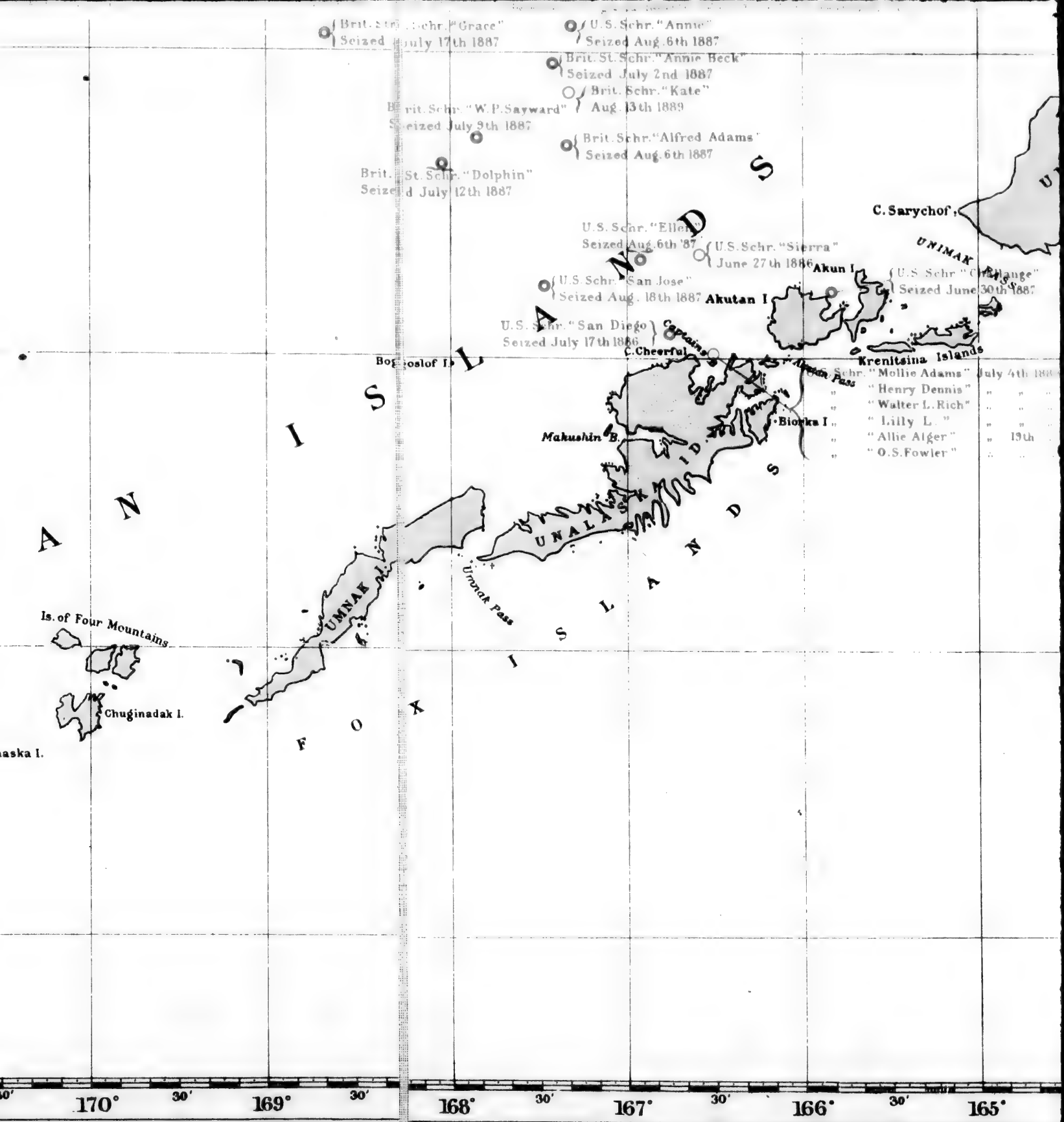
Amak Island

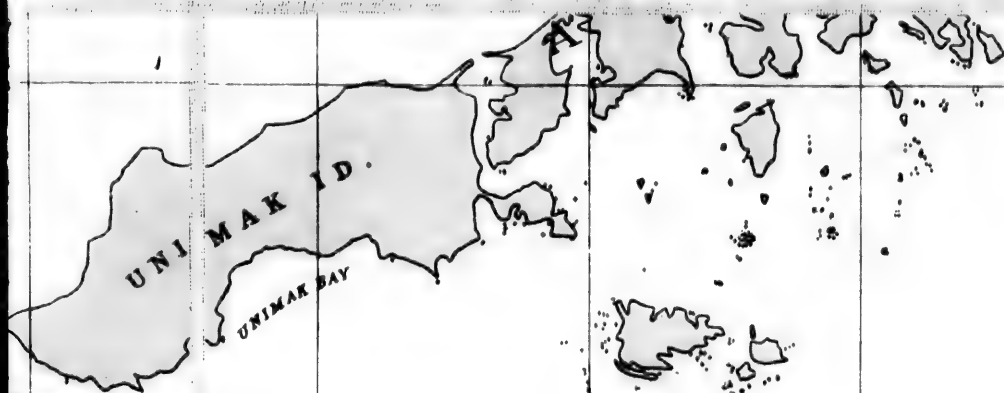
Port Miller

Pavlov Bay









S H I T M A

"Hange"
30th 1887

Sannak Islands

July 4th 1889

" " "
" " "
" 19th "
" " "

S
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SEI

GOVERNMENT

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165° 30' 164° 30' 163° 30' 162° 30' 161° 30'



MAP

SHOWING POSITIONS OF

SEALING VESSELS

SEIZED OR WARNED

BY THE

GOVERNMENT OF THE UNITED STATES

during the seasons of

1886, 1887 and 1889.



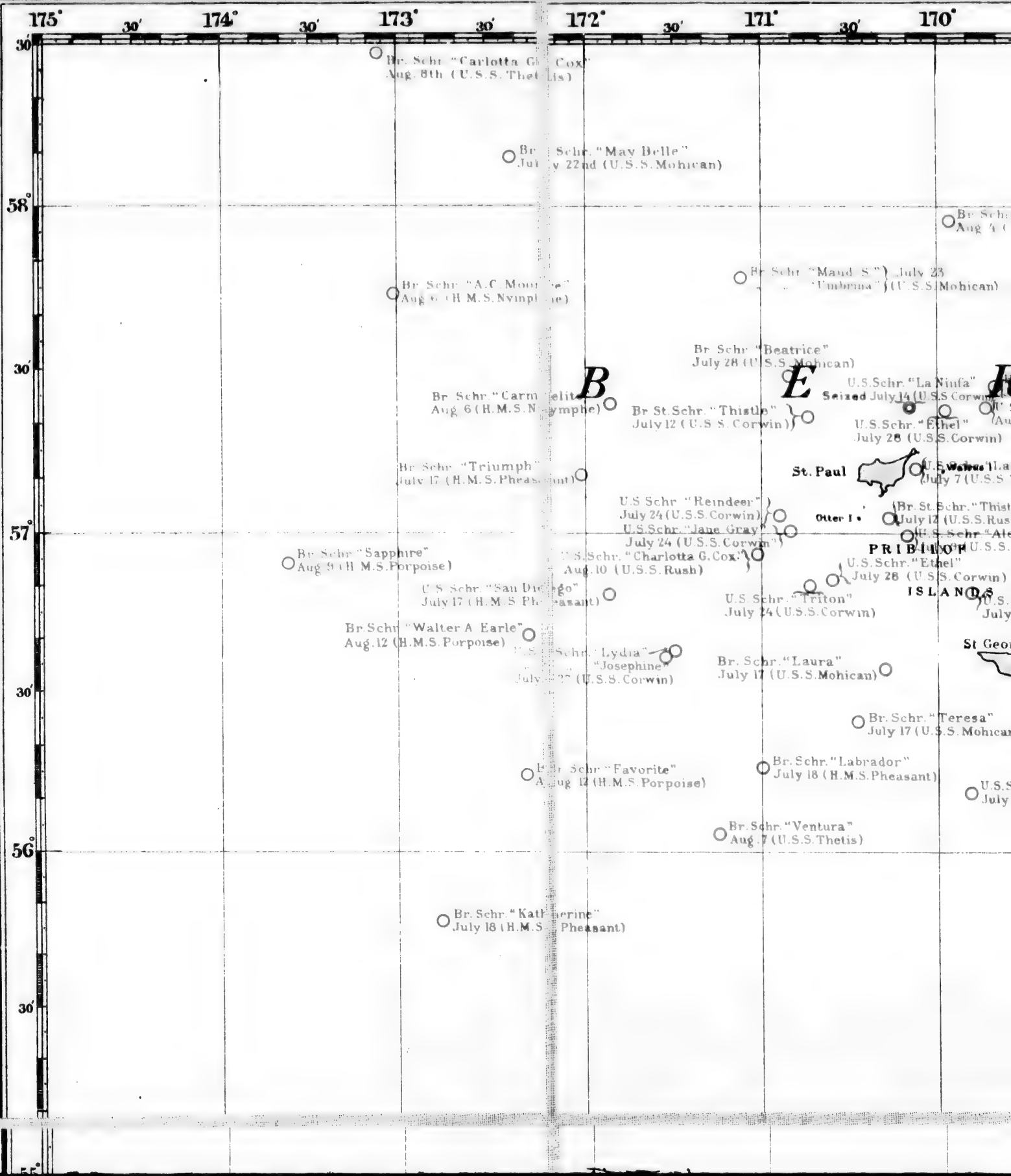
*Prepared at the Office of the U.S. Coast
and Geodetic Survey, from Official reports
in the possession of the State Department.*

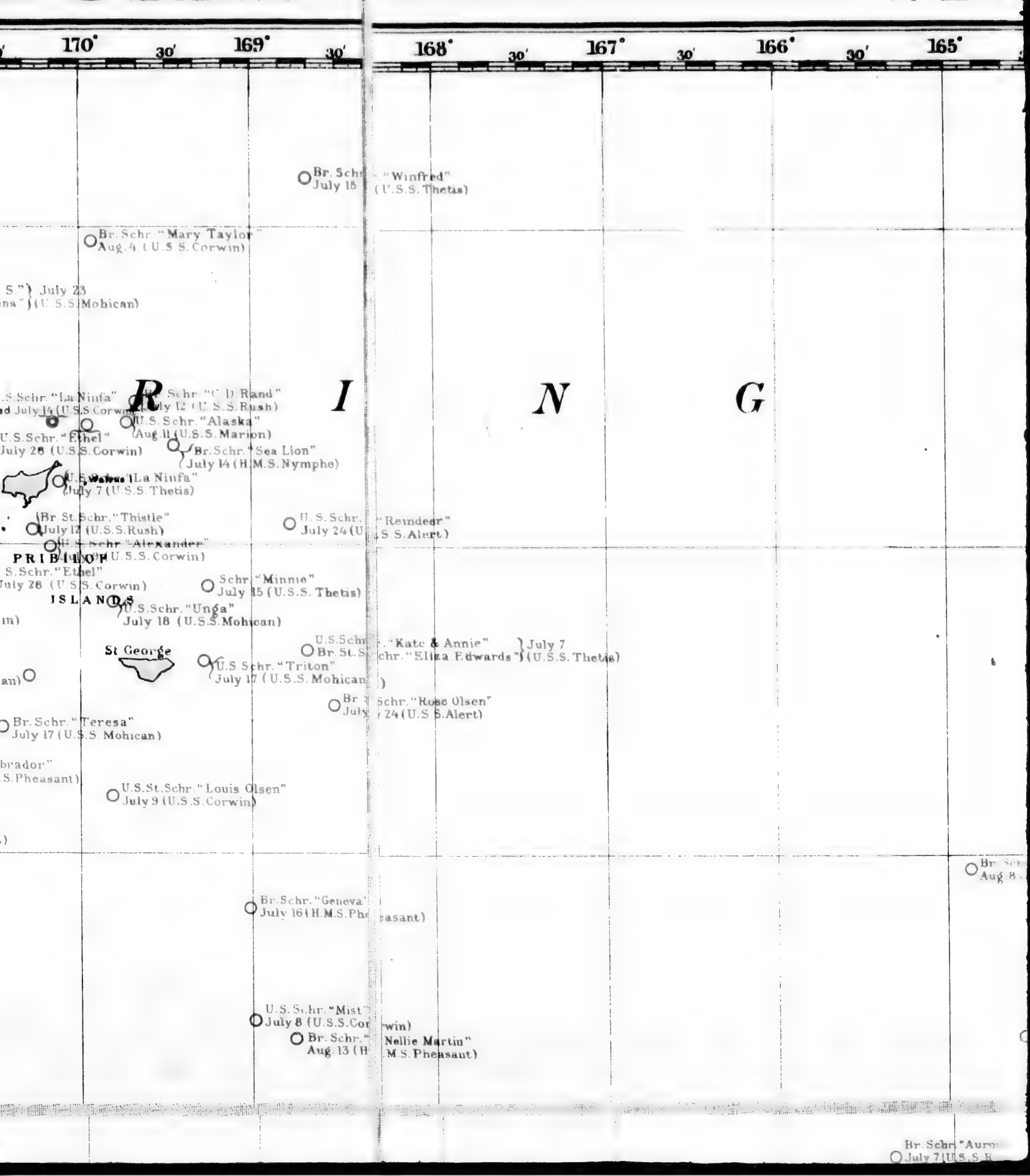
*T. C. Meadehall
Superintendent*

5
SEIZURES
1886, '87, '89

161° 30' 160° 30' 159° 30' 158° 30' 157°

55°
30'
54°
30'
53°
30'
52°
30'





165°

164°

30'

163°

30'

162°

30'

161°

30'

S

E

A

○ Br. Schr. "Beatrice"
Aug. 8 (U.S.S. Alert)

○ U.S. Schr. "Hattie Cage"
Aug. 8 (U.S.S. Alert)

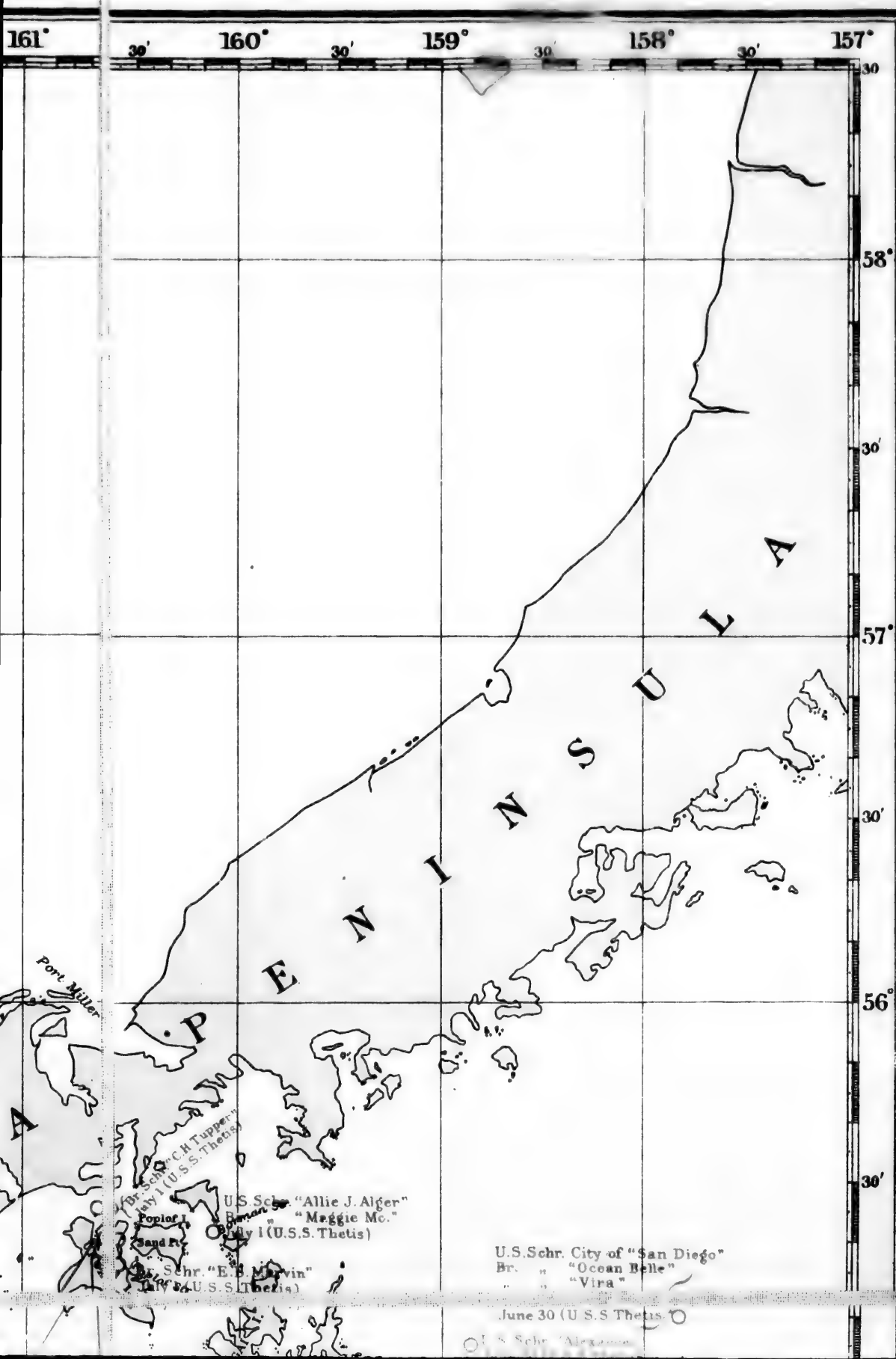
U.S. Schr. "John Hancock"
Aug. 7 (U.S.S. Alert)
Amak 16

○ U.S. Schr. "Lizzie Colby"
Aug. 7 (U.S.S. Alert)

Port Miller

Paylor Bay
K
S
A

○ U.S. Schr. "Helen Blum"
"Jessie A. Palmer"
Aug. 12 (U.S.S. Alert)



161° 30' 160° 30' 159° 30' 158° 30' 157°

58° 30' 57° 30' 56° 30'

E N I W E T O K I S L A N D S

Port Miller

U.S. Schr. "Allie J. Alger"
Br. "Maggie Mc."
U.S. Schr. "E. B. Marvin"
U.S. Schr. "City of San Diego"
Br. "Ocean Belle"
"Vira"

U.S. Schr. "City of San Diego"
Br. "Ocean Belle"
"Vira"

June 30 (U.S. Thetis)

55°

30'

54°

30'

53°

30'

52°

30'

175°

30'

174°

30'

173°

30'

172°

30'

171°

30'

170°

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Is. of Four Mountain

Chuginade

Yunaska I.

Amukta L.

AMUKTA PASS

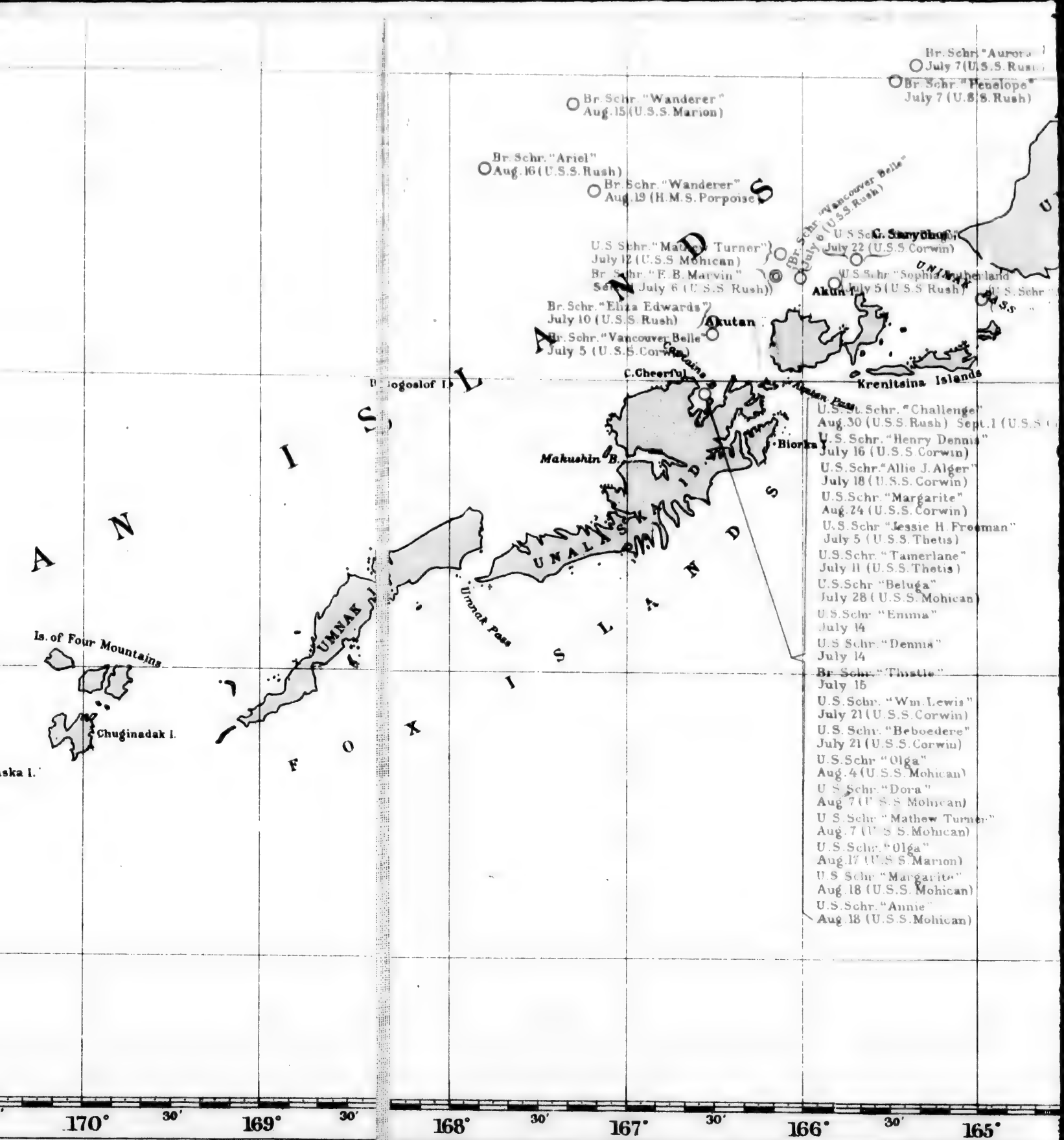
Sig-uam I.

SIGUAM PASS

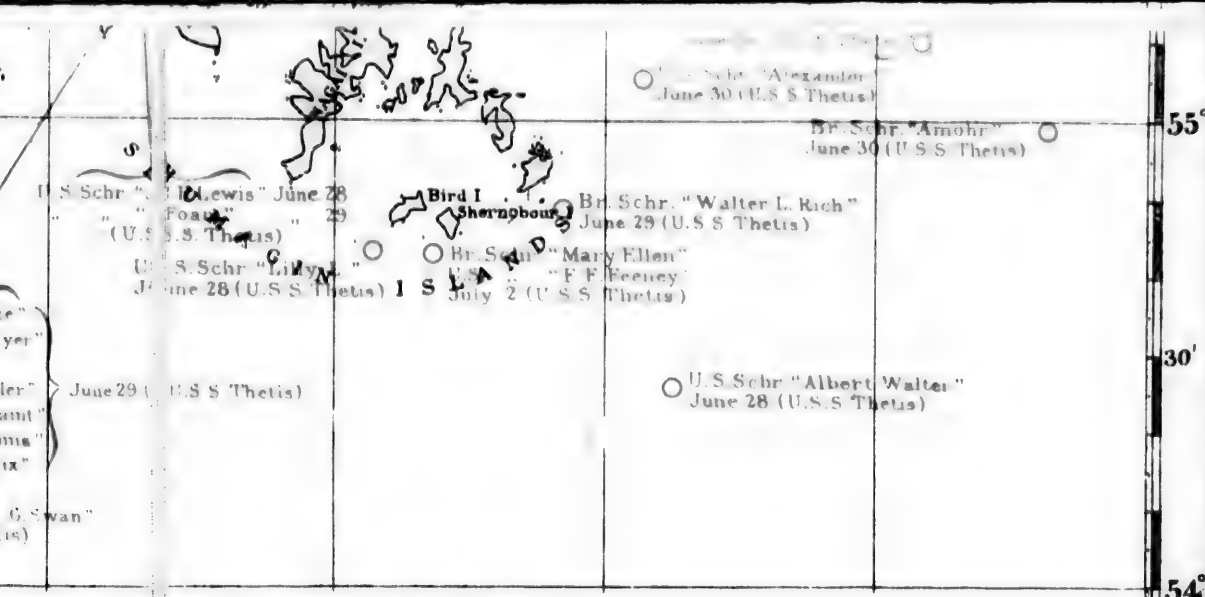
Amli

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MAP
 SHOWING POSITIONS OF
SEALING VESSELS
SEIZED OR WARNED
 BY THE
GOVERNMENT OF THE UNITED STATES
 during the season of
1891



Prepared at the Office of the U.S. Coast and Geodetic Survey, from Official reports in the possession of the State Department.

T. C. Meadenhall
 Superintendent

6
SEIZURES
 1891

161° 30' 160° 30' 159° 30' 158° 30' 157°

North East

Sea Lion

Cairn

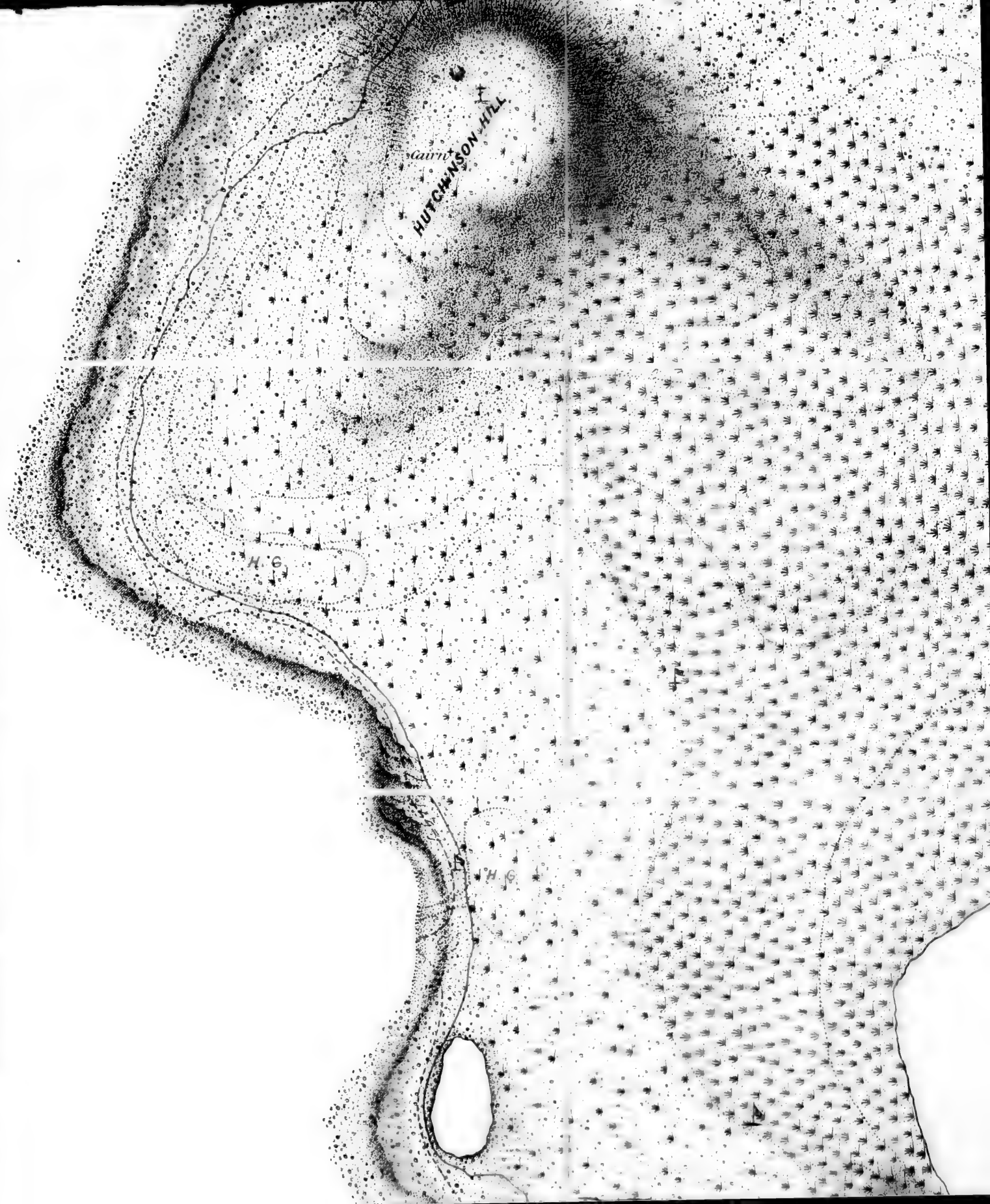
Cairn

Cairn
HUTCHINSON HILL

North East Pt.



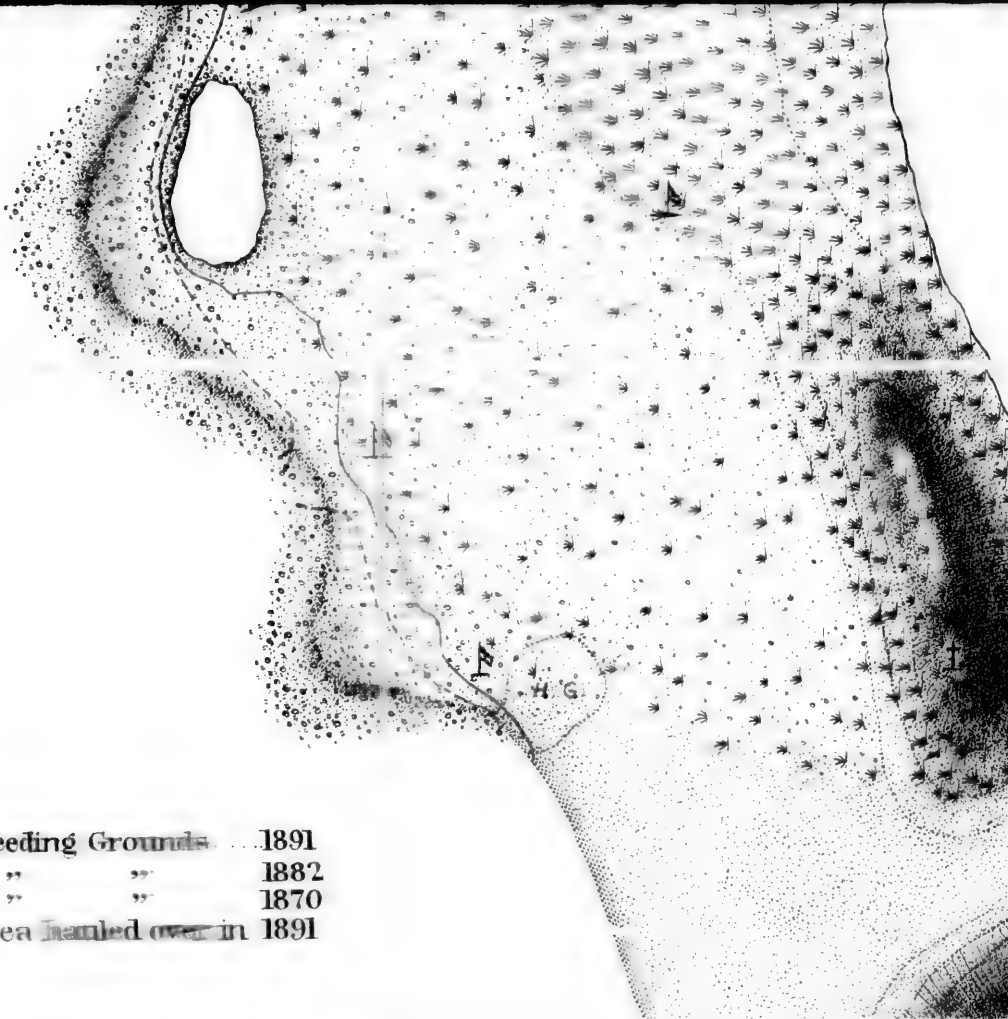
Sea Lion Pt



Sea Lion Pt

H. G.

Point



Breeding Grounds ... 1891
 " " " " 1882
 " " " " 1870
 Area hauled over in 1891

NORTHEAST POINT ROOKERY
 ST. PAUL ISLAND
 Bering Sea - Alaska.

Surveyed by
 JOSEPH STANLEY-BROWN

1891

Scale: 264 ft. = 1 inch.
 264' 132' 66' 0' 3 inches ss.

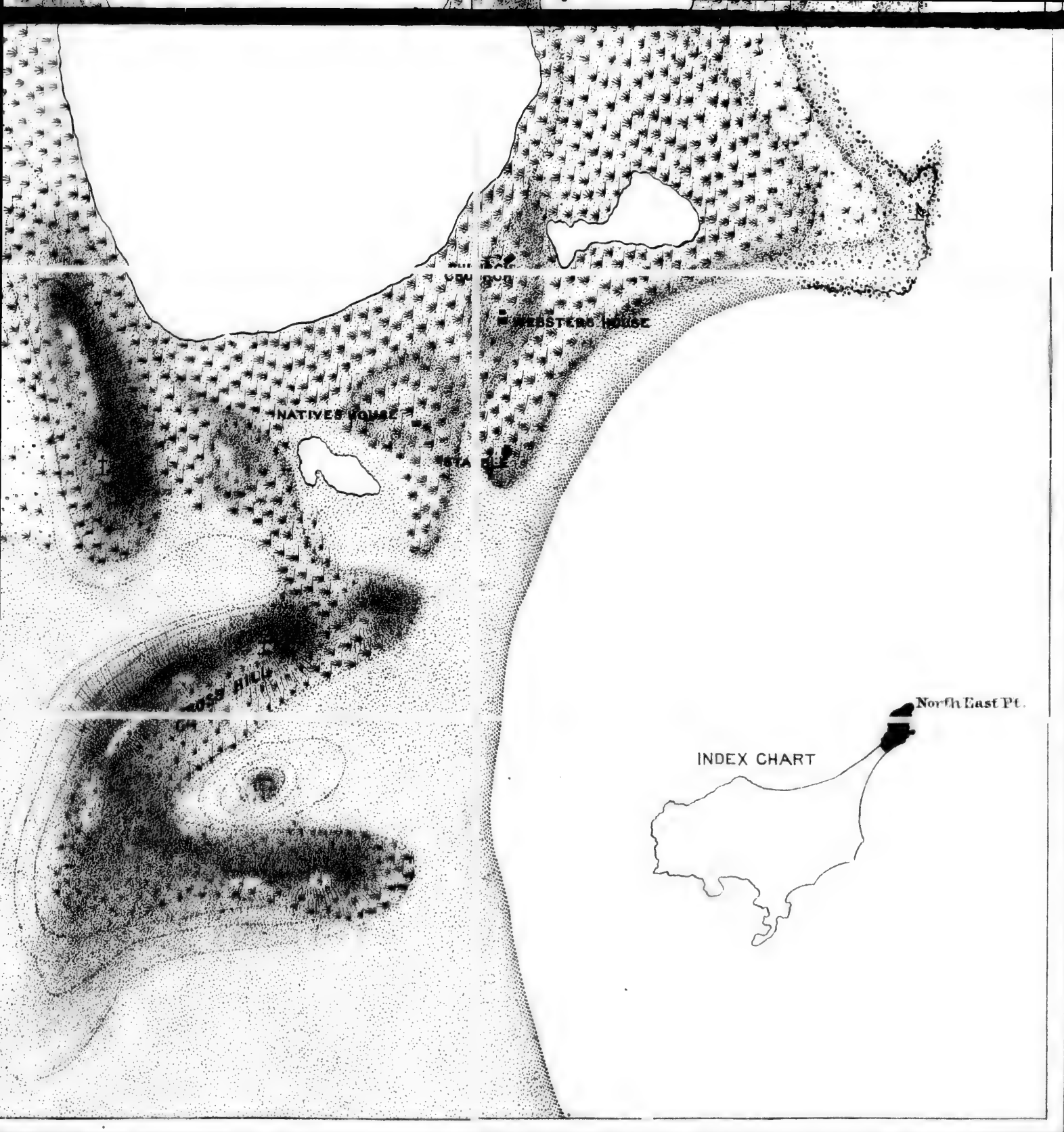
Contour interval approximately 10 feet.

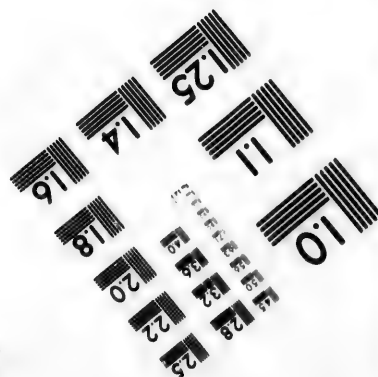
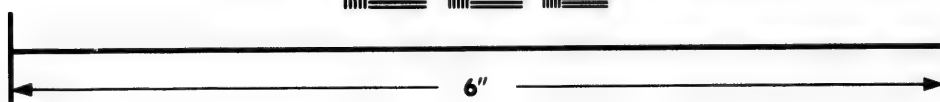
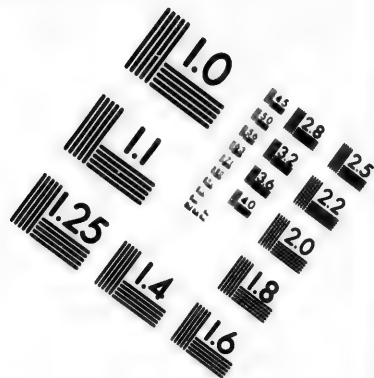


Undisturbed area - mixed vegetation.



Area disturbed from time to time by seals hauling,
 scant or uniform grass.





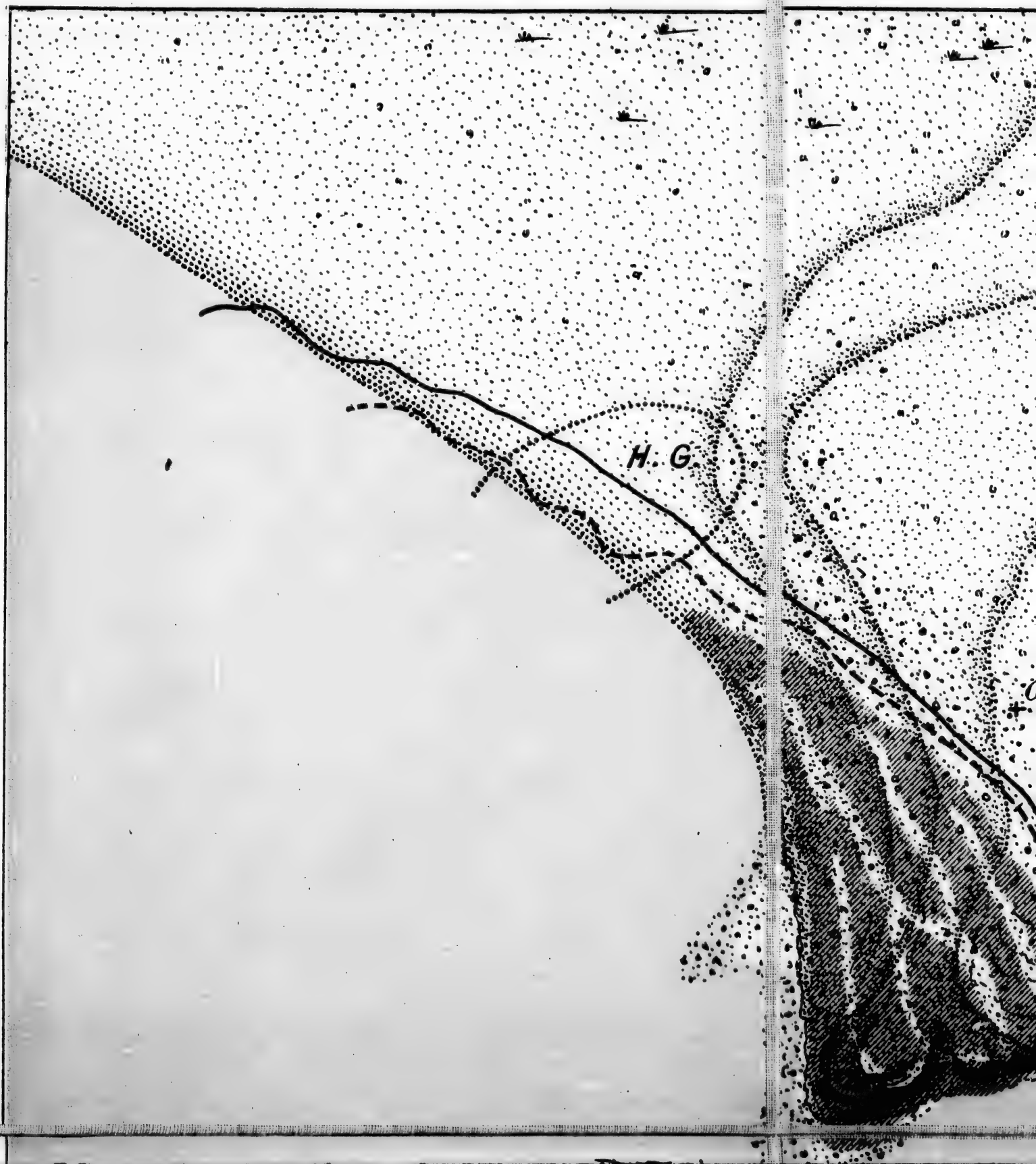
Photographic Sciences Corporation

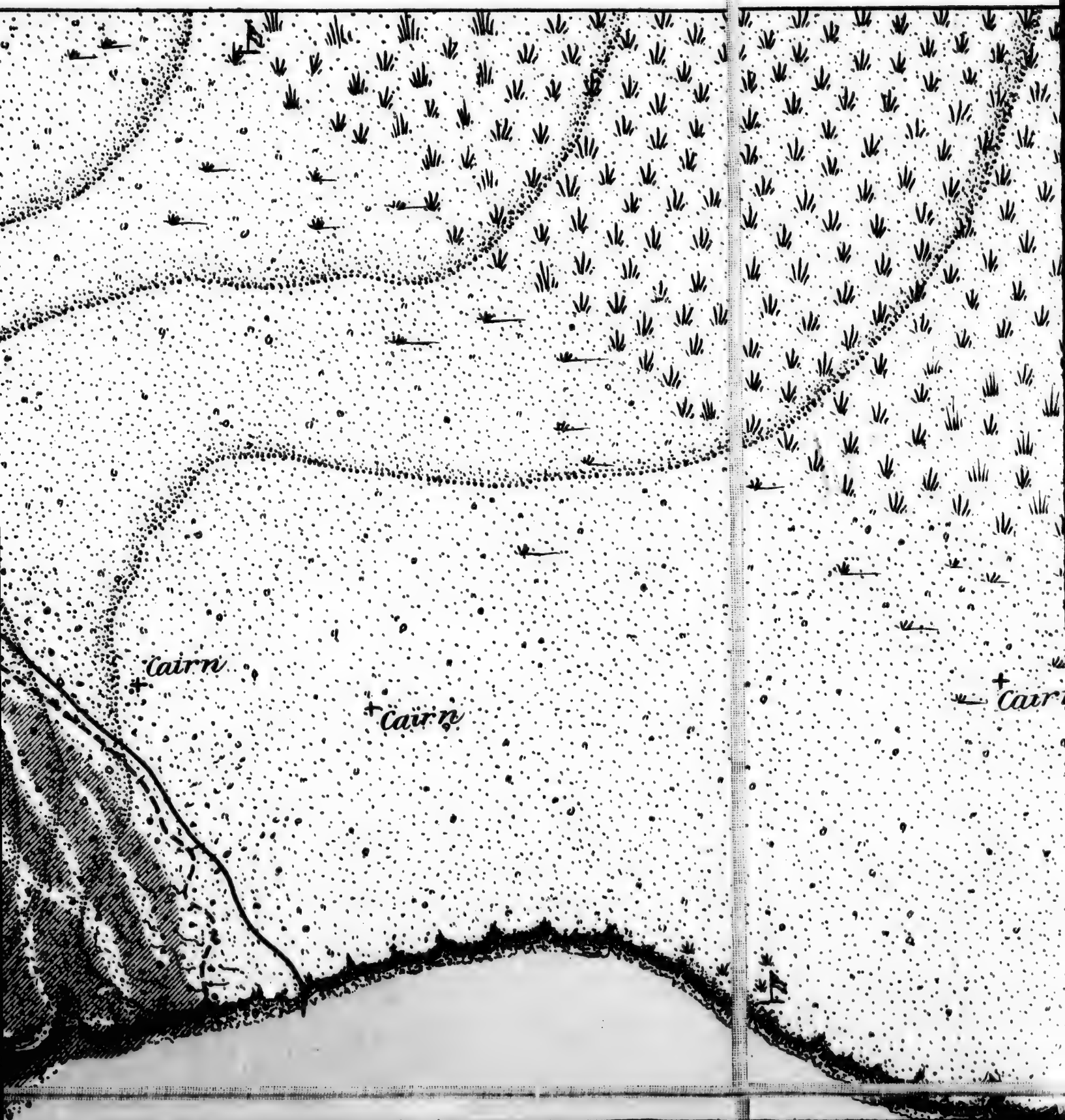
23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

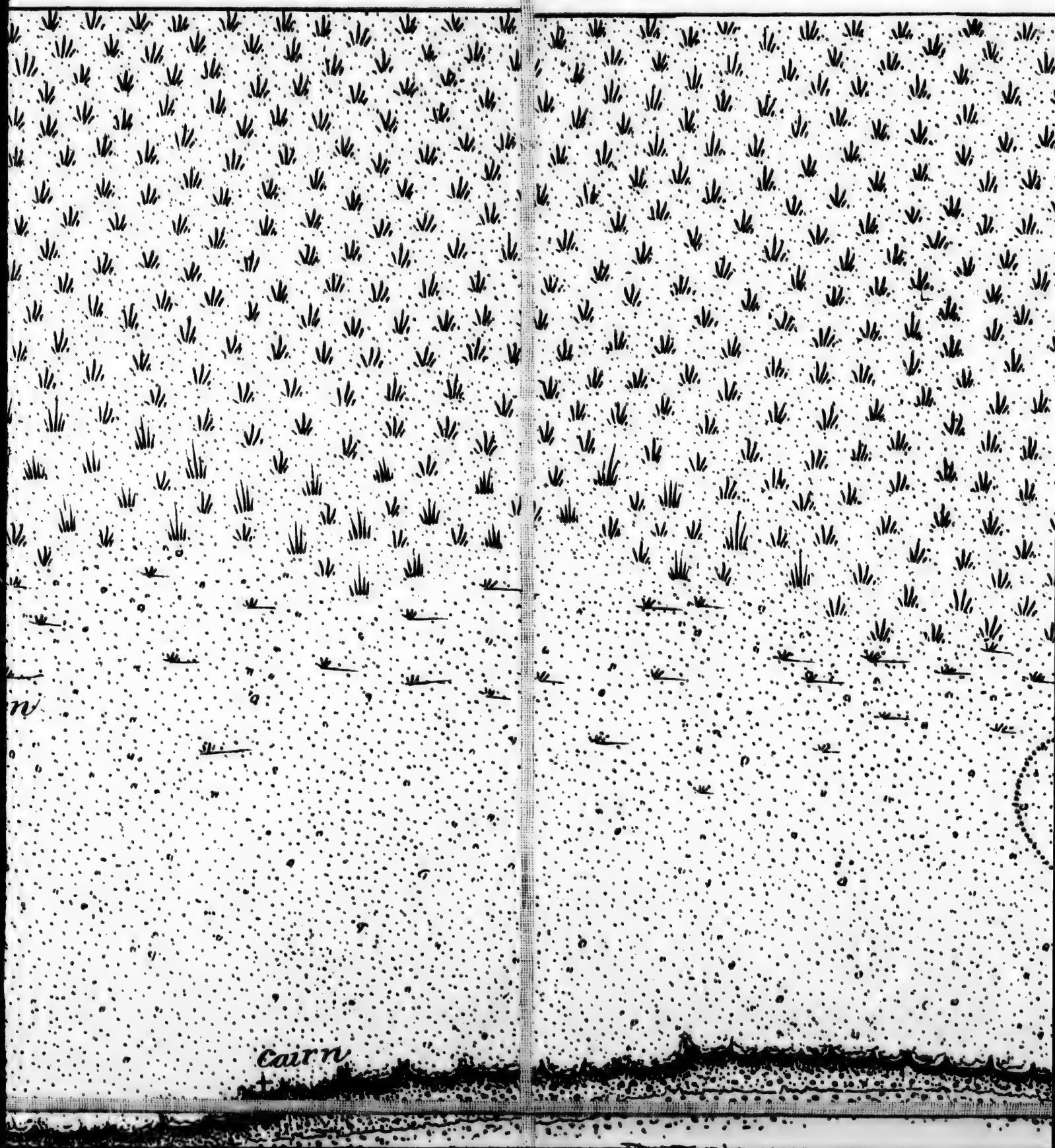
1.8 20 22 25
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E E E E E

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E E E E E

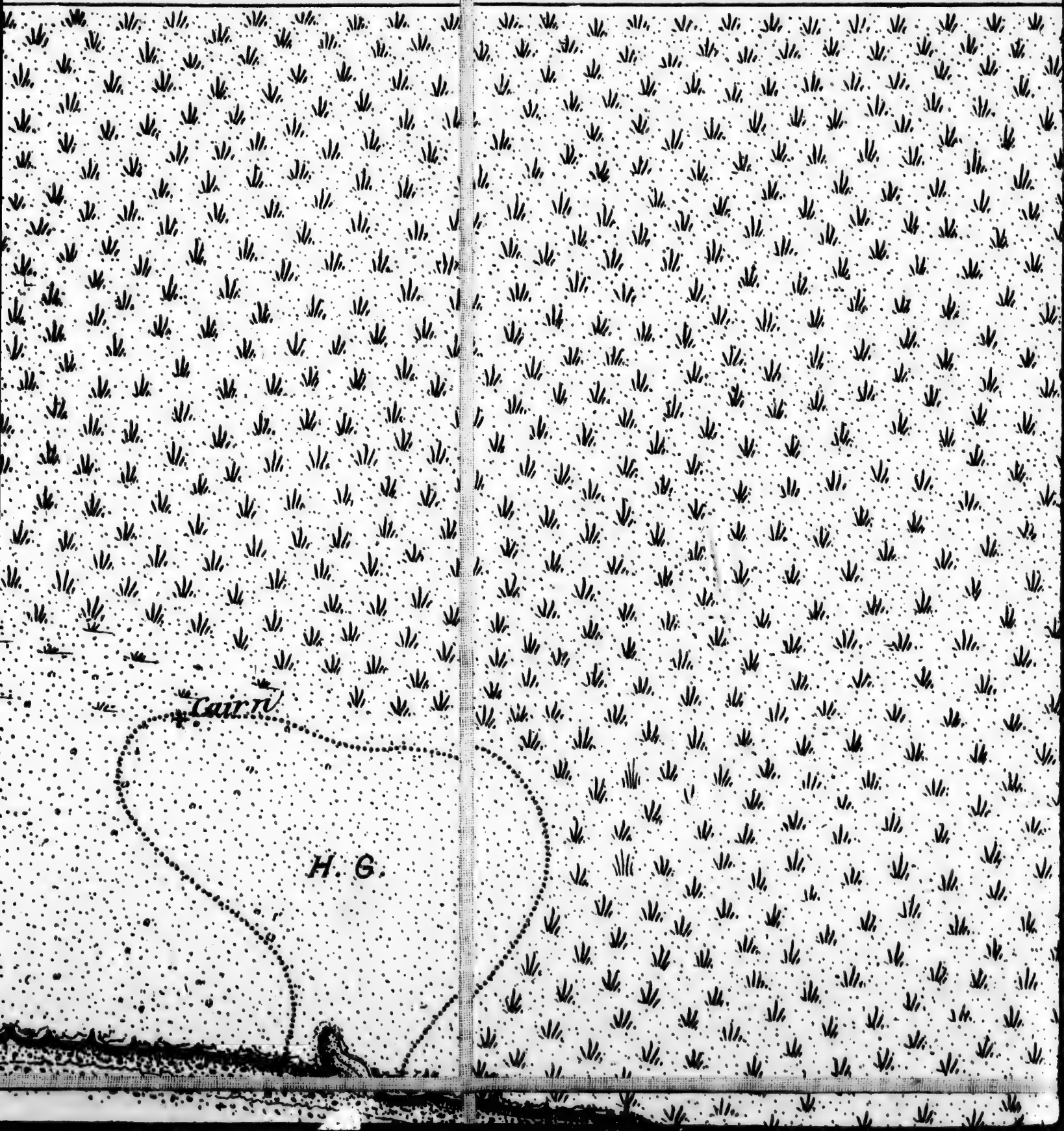
Chart B

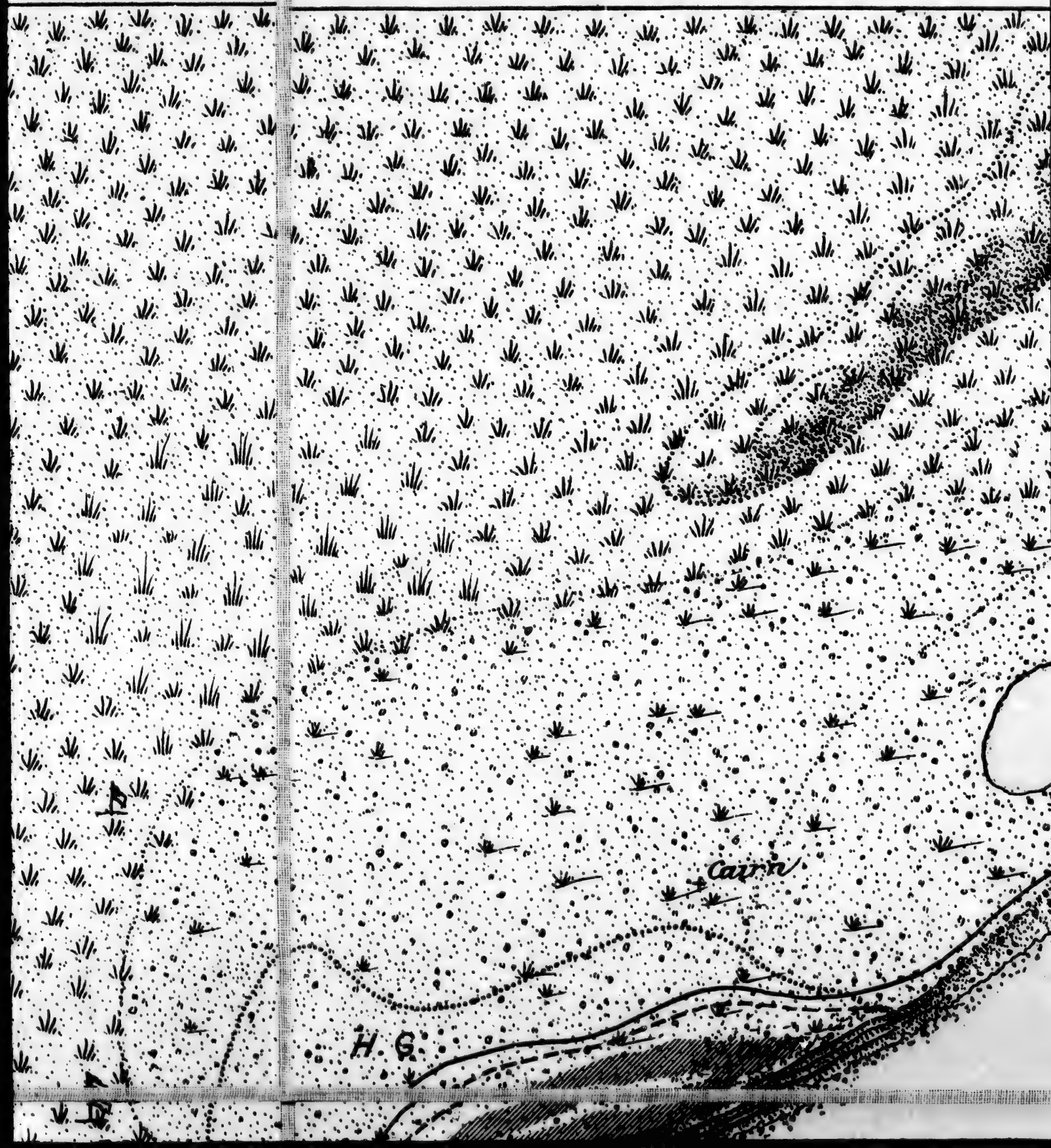


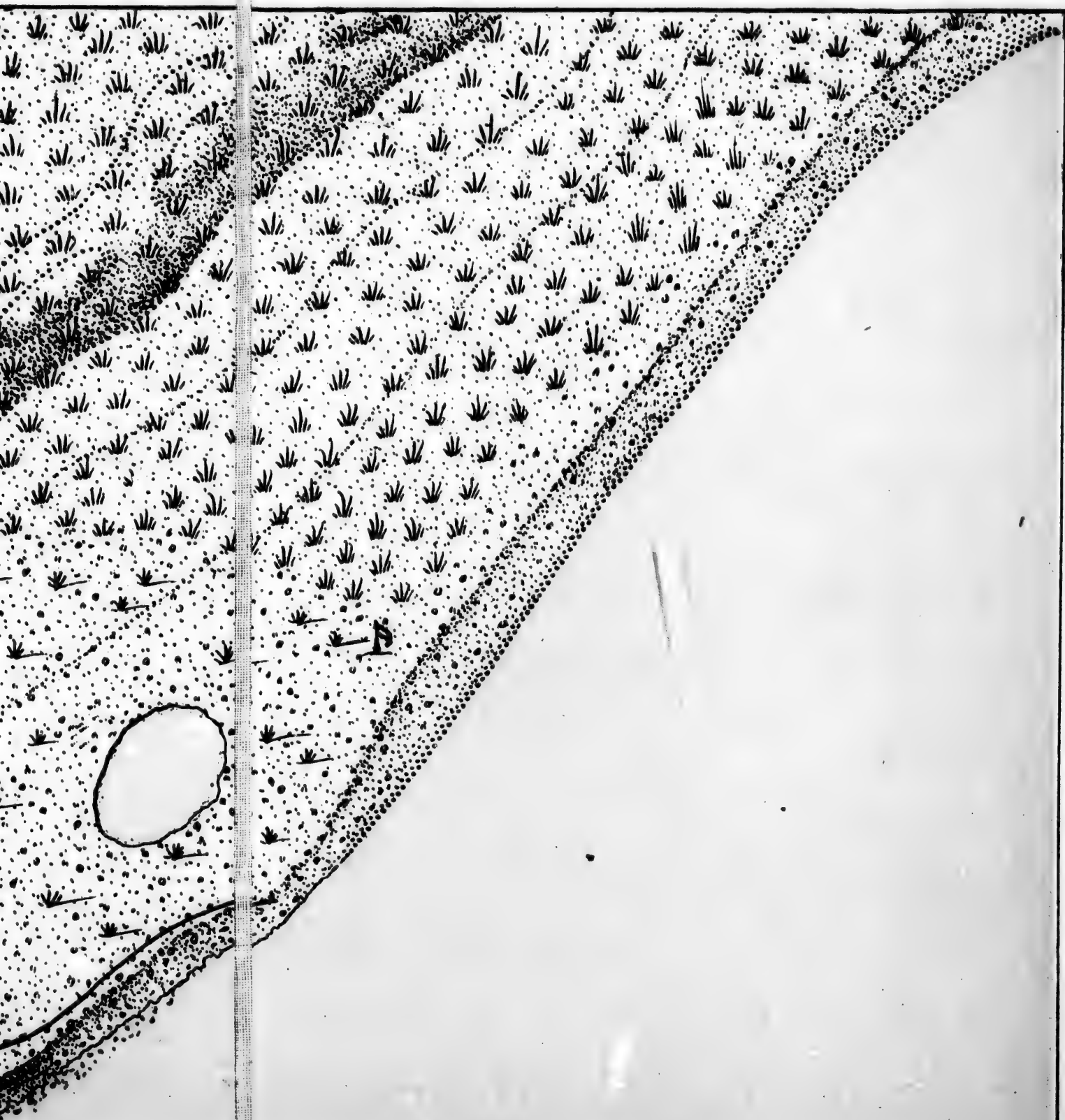


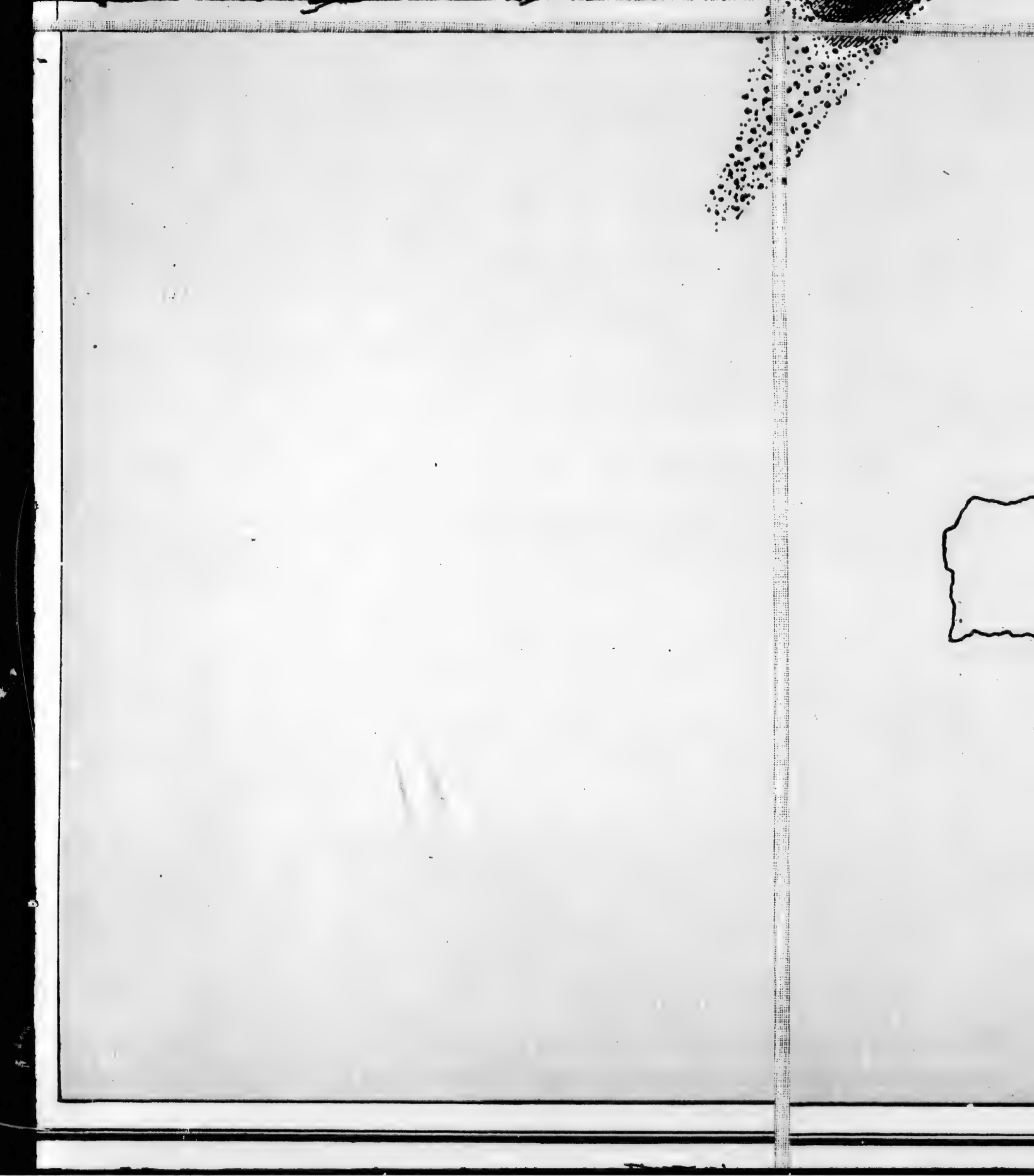


Cairn

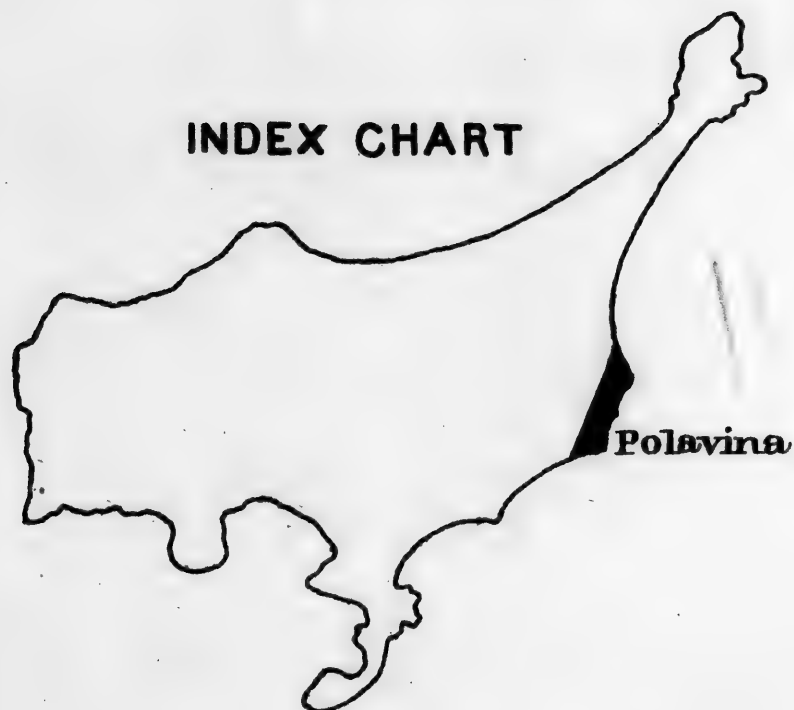






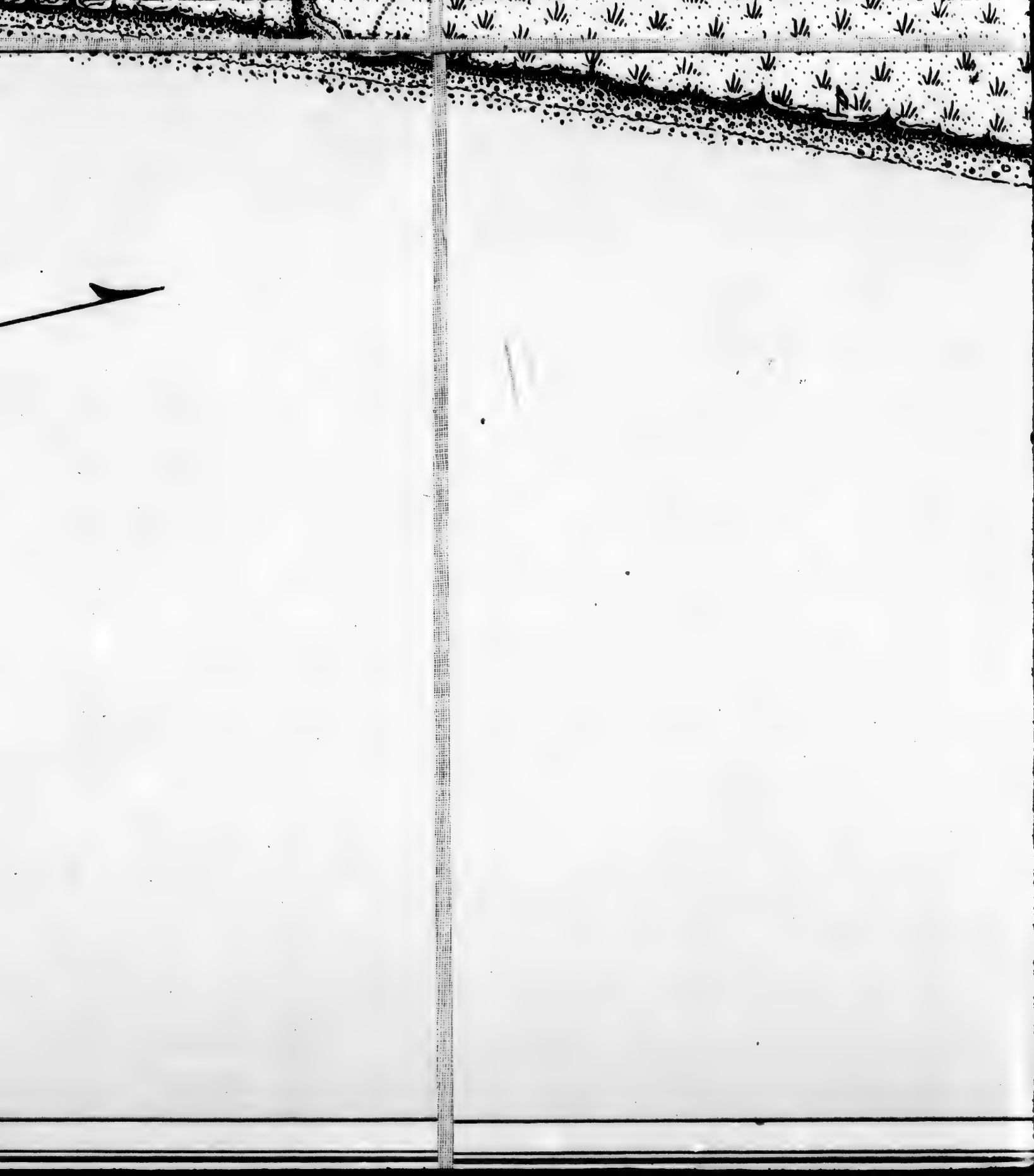


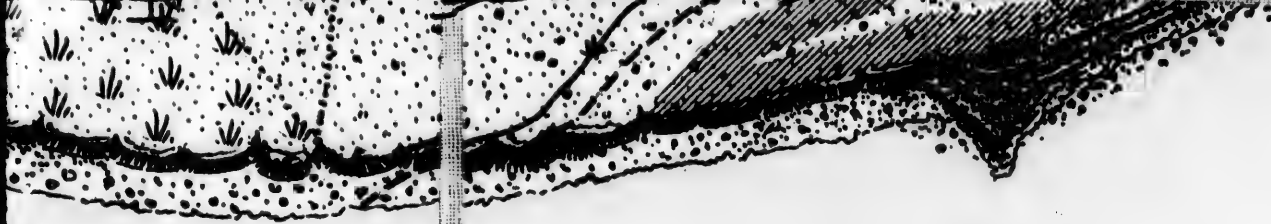
INDEX CHART



Magn. North







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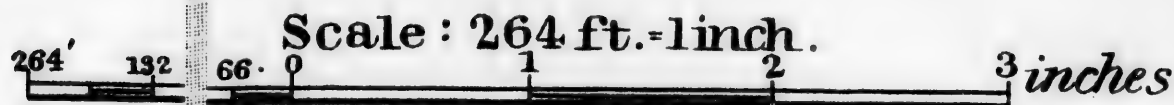


A

POLAVINA ROOKERY ST. PAUL ISLAND Bering Sea-Alaska.

Surveyed by
JOSEPH STANLEY BROWN.

1891



Contour interval approximately 10 ft.



Undisturbed area - mixed vegetation.



*Area disturbed from time to time by seals hauling,
scant or uniform grass.*



Breeding Grounds.....1891



” ” 1882



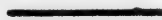
” ” 1870



Area hauled over in 1891

Chart C

 Breeding G

 ”
 ”

 Area haul

KETAVIE & LUKAN

ST. PAUL I

Bering Sea

Surveye

JOSEPH STANL

1891

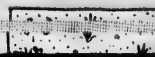
Scale: 264 ft

264' 132' 66' 0' 1'

Contour interval ap



Undisturbed area - mixed



Area disturbed from

Breeding Grounds 1891

" " 1882

" " 1870

Area hauled over in 1891

& LUKANNON ROOKERY

PAUL ISLAND.

ring Sea-Alaska

Surveyed by

EPH STANLEY-BROWN

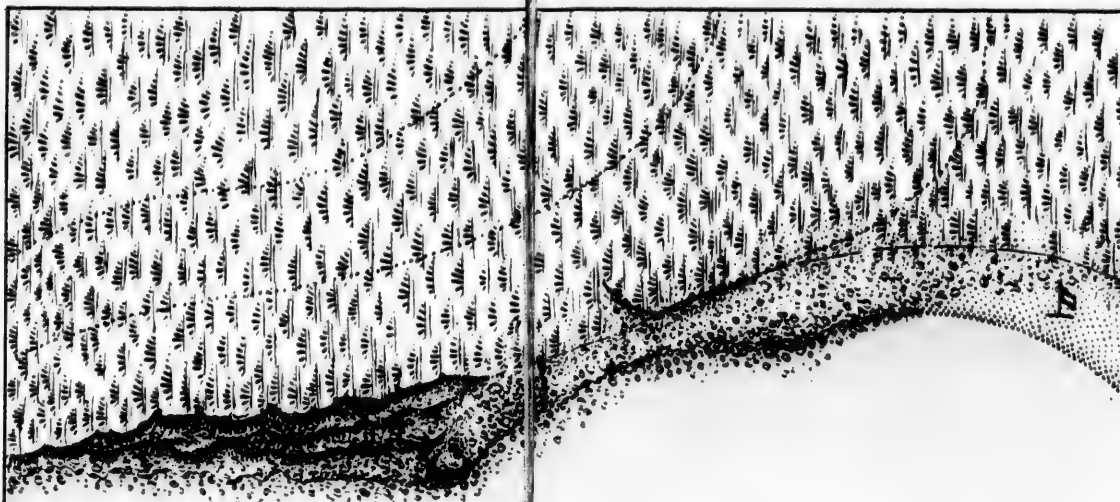
1891

Scale: 264 ft. = 1 inch. 3 inches

interval approximately 10 ft.

d area - mixed vegetation.

urbed from time to time by seals hauling.



 Breeding Grounds 1891
 " " " 1892
 " " " 1870
..... Area hauled over in 1891

REEF & GARBOTCH ROOKERIES.
 ST. PAUL ISLAND.
 Bering Sea - Alaska,

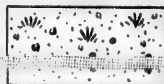
Surveyed by
 JOSEPH STANLEY-BROWN
 1891.

Scale: 264 ft. = 1 inch.
 264' 132' 66' 0 1 2 3 inches

Contour interval approximately 10 feet.



Undisturbed area - mixed vegetation.



*Area disturbed from time to time by seals has
 scant or uniform grass.*

1891
1882
1882
1870
1891

ERIES.
ND.
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3 inches

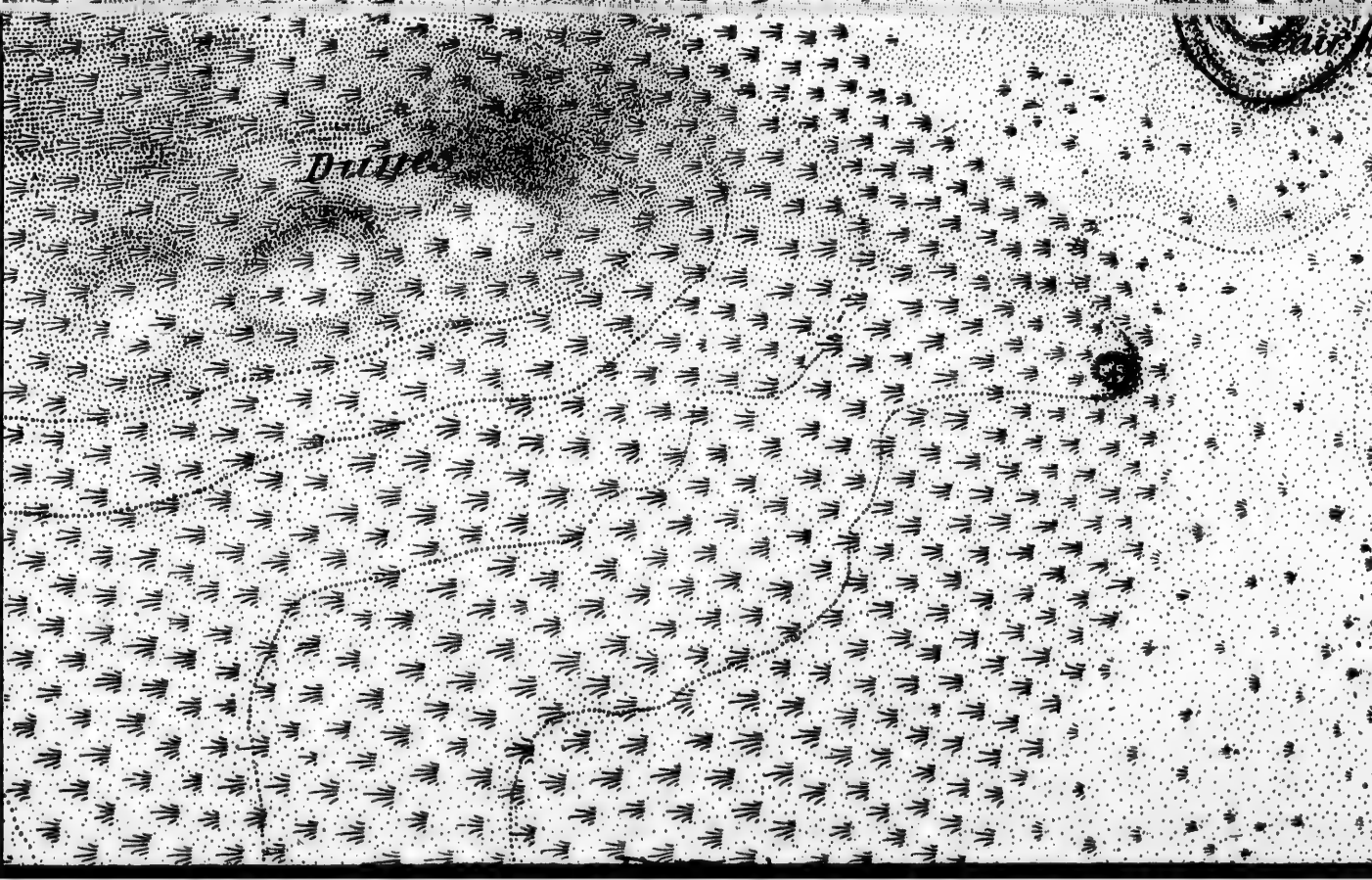
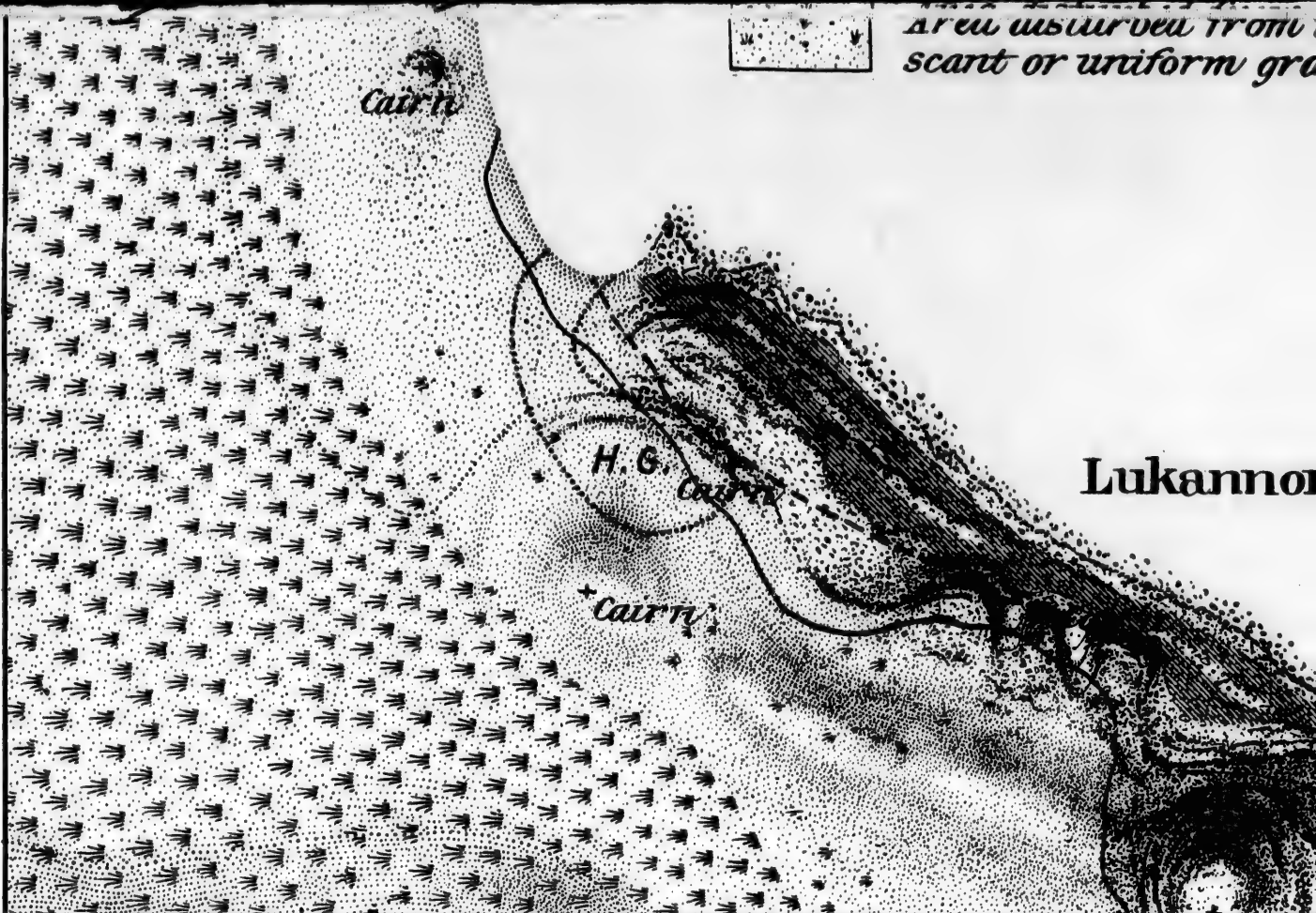
10 feet.

ation.

ne by seals hauling.



Area disturbed from
scant or uniform ground



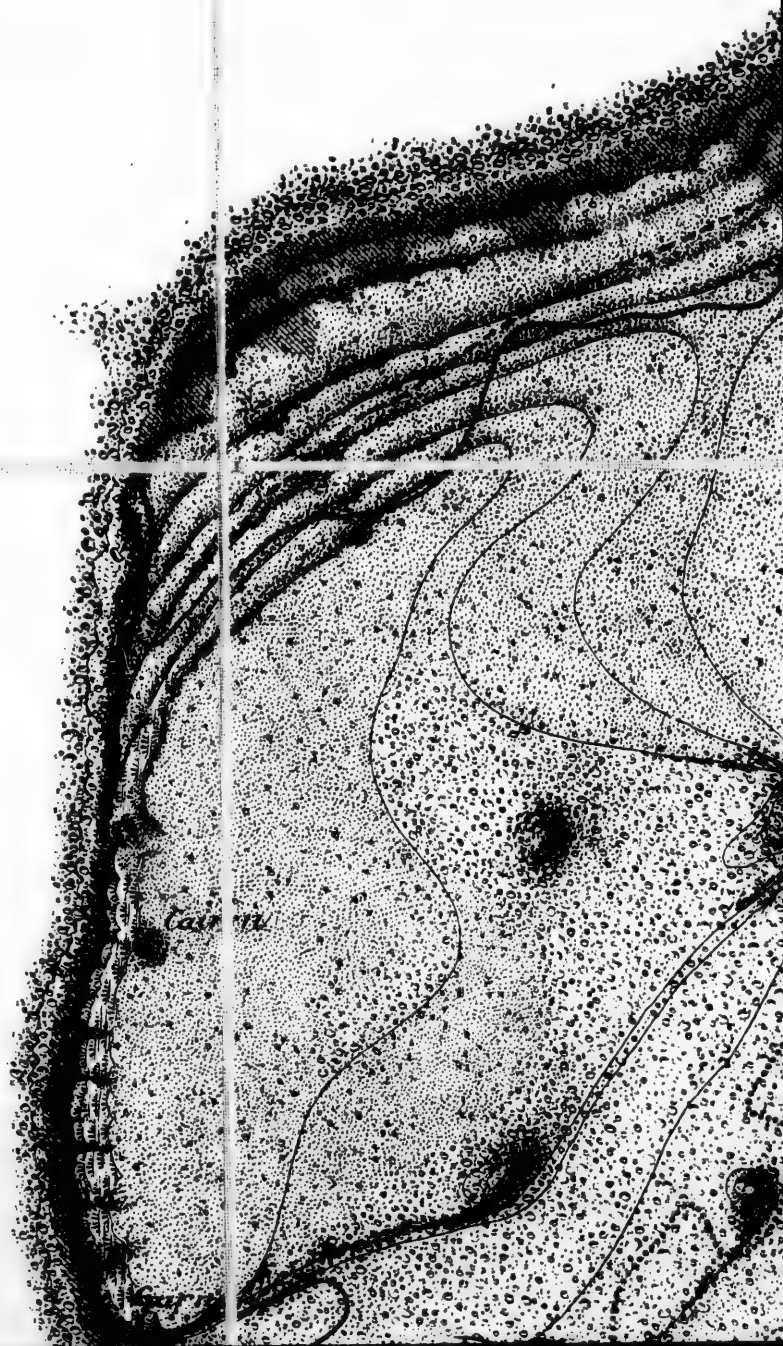
urbed from time to time by seals hauling,
uniform grass.

Lukannon

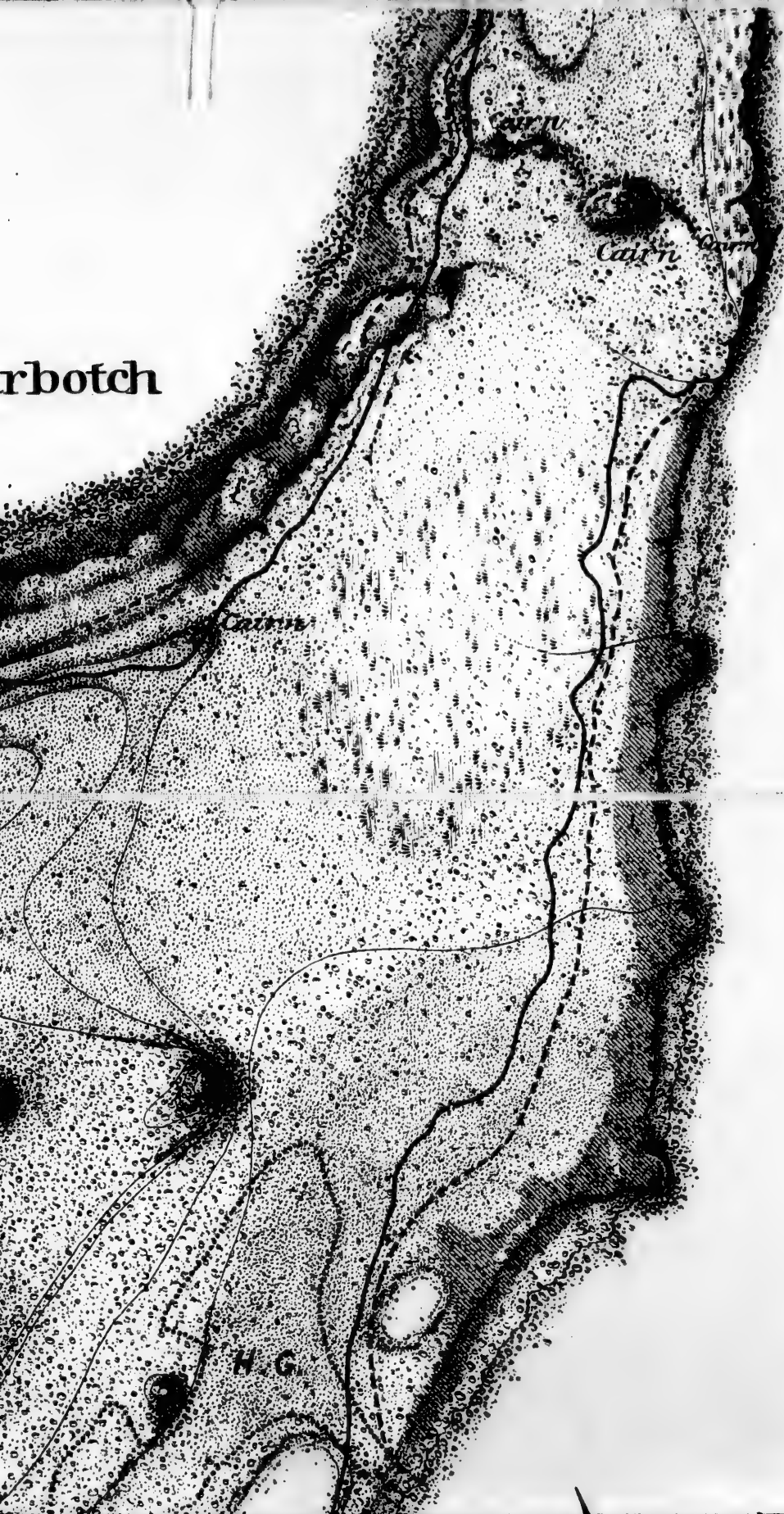


Magn. North

Garbotch



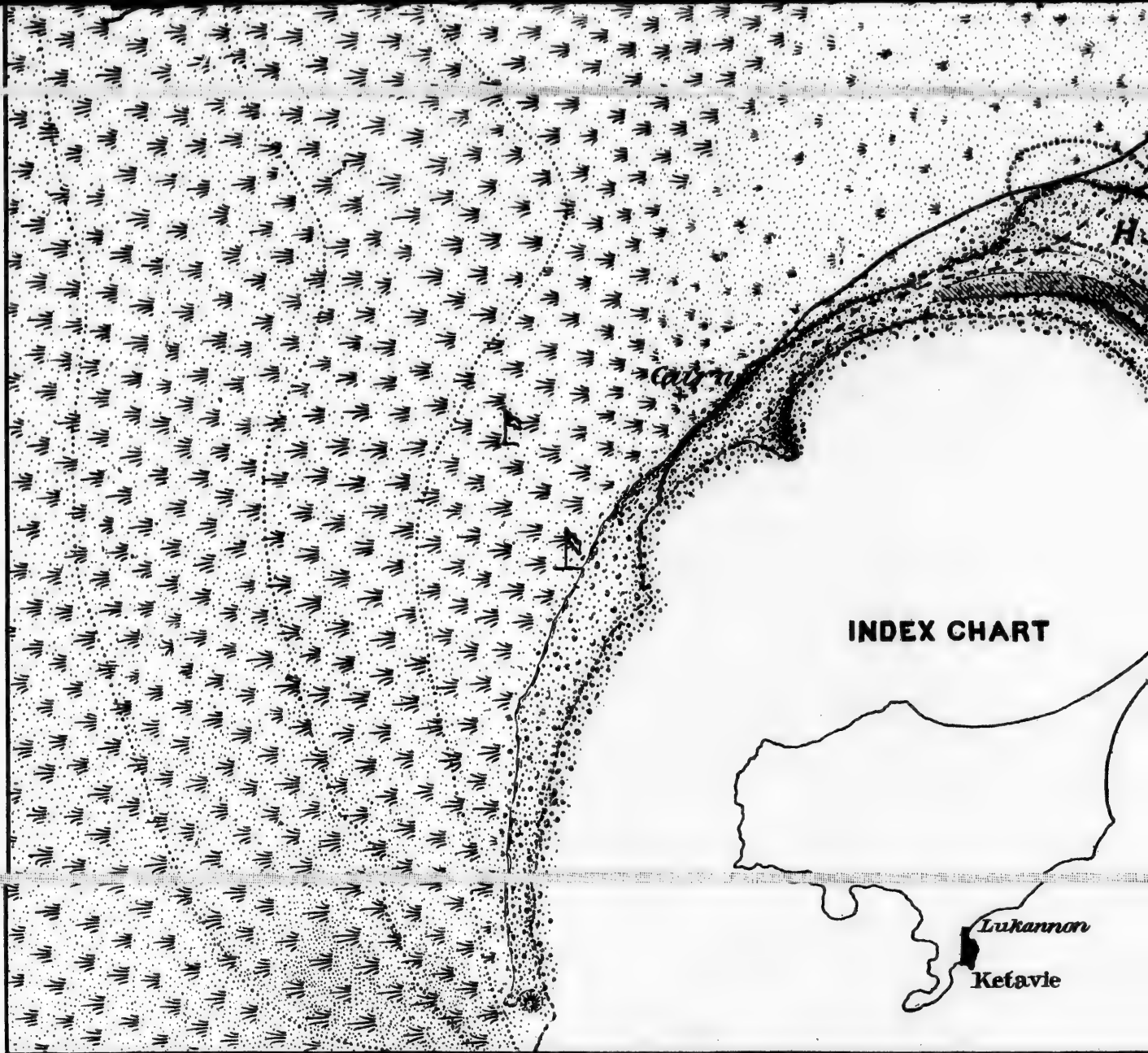
rbotch

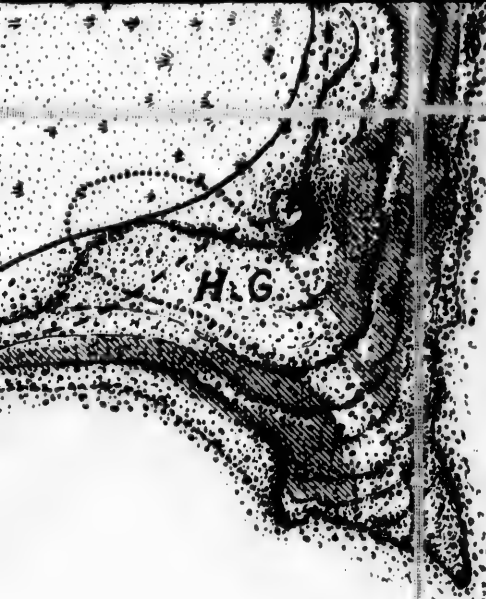


INDEX CHART

Lukannon

Ketavle



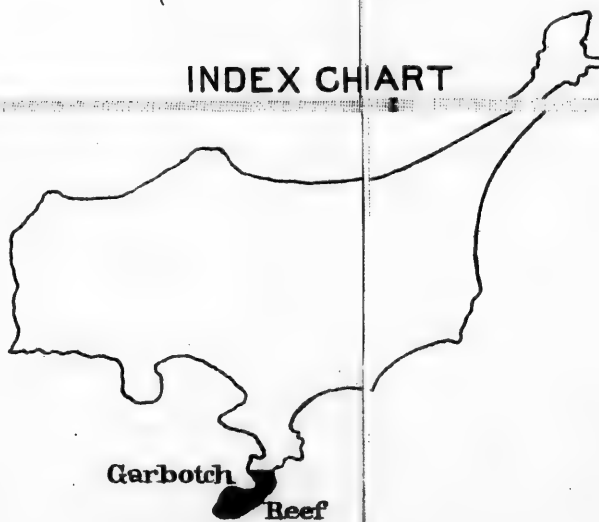


Ketavie



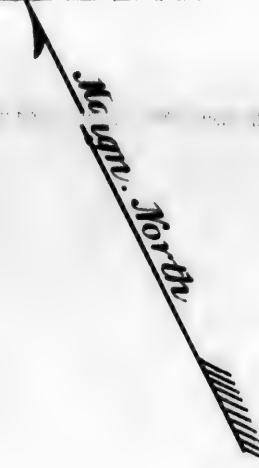


INDEX CHIART



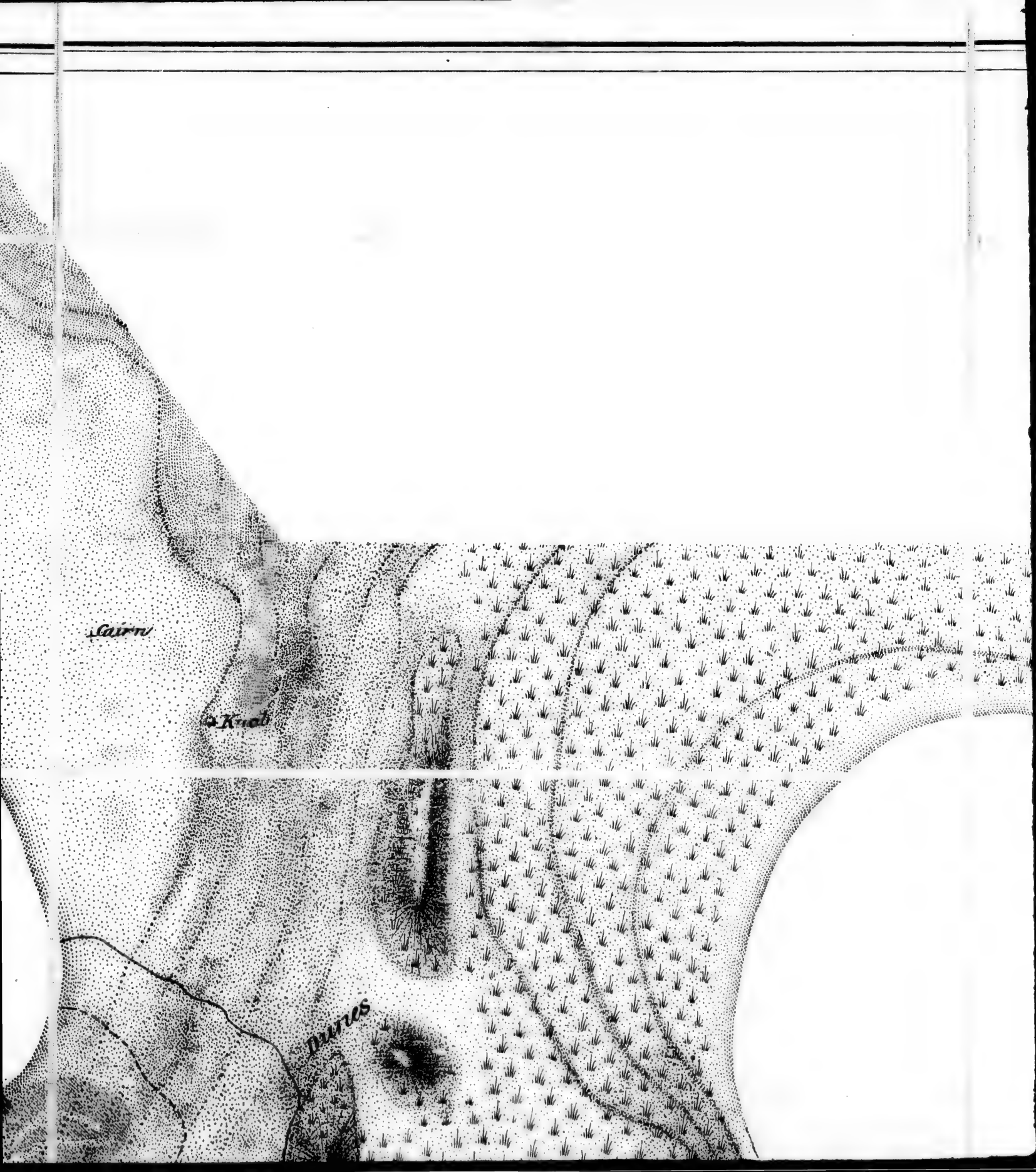


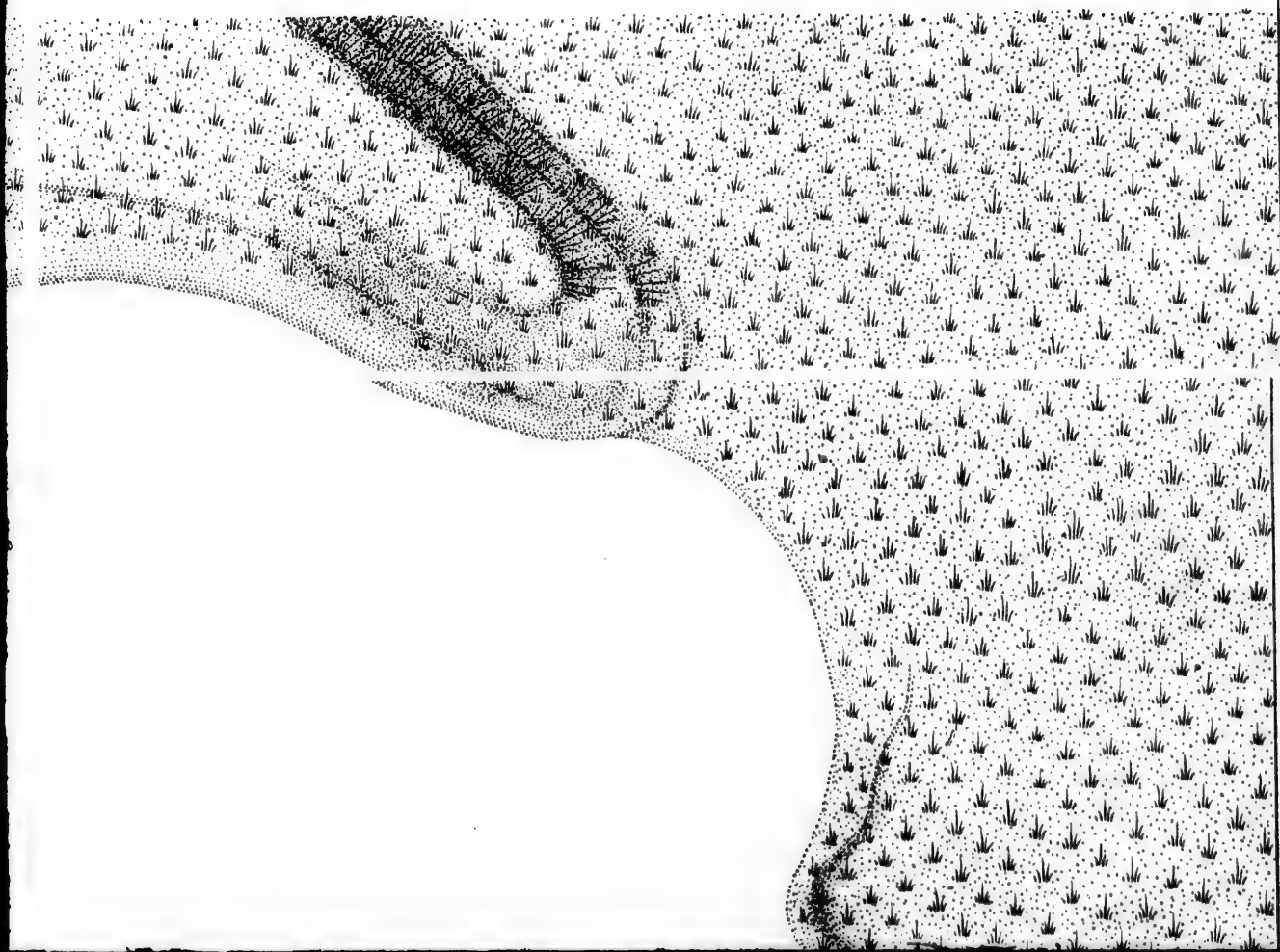
Reef



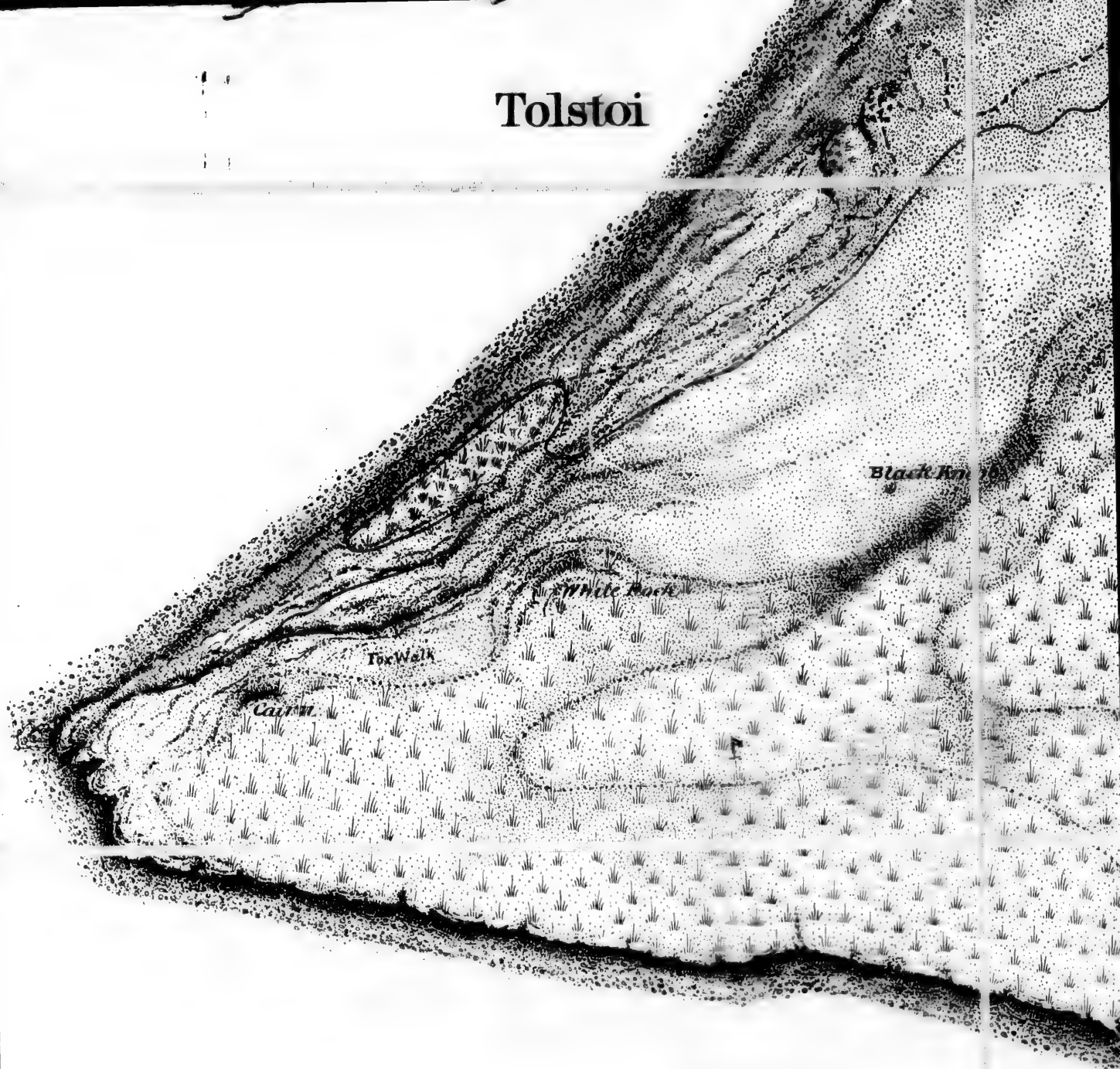
Sea Lion Rock







Tolstoi







 Breeding

 "

 "

 Area ha

TOLSTOI AND LAGOON

ST. PAUL

Bering Sea

Survey

JOSEPH STANLEY

18

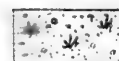
Scale: 264'

264' 132' 66' 0

Contour interval



Undisturbed area, n



*Area disturbed from
scant or uniform gr*

INDEX C



Breeding Grounds 1891
 " " " 1882
 " " " 1870
 Area hauled over in 1891

TOLSTOI AND LAGOON ROOKERIES
 T. PAUL ISLAND.
 Bering Sea, Alaska.

Surveyed by
 JOSEPH STANLEY BROWN.
 1891

Scale: 264 ft. = 1 inch.
 32' 66' 0 1 2 3 inches

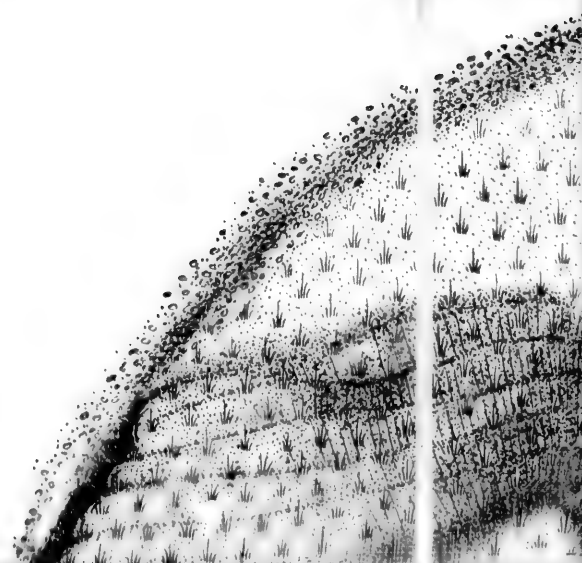
interval approximately 10 ft.

bed area, mixed vegetation.

is stirred from time to time by seals hauling,
 or uniform grass.

Magn. North

INDEX CHART

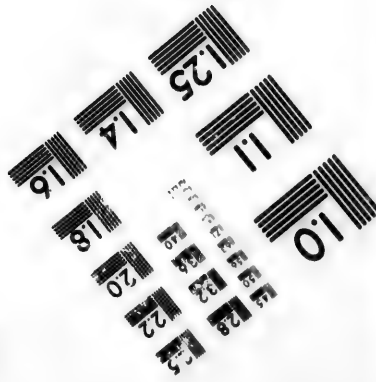
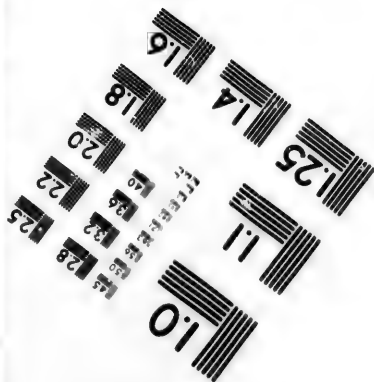
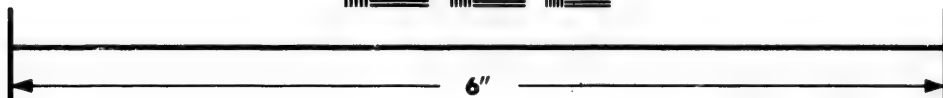
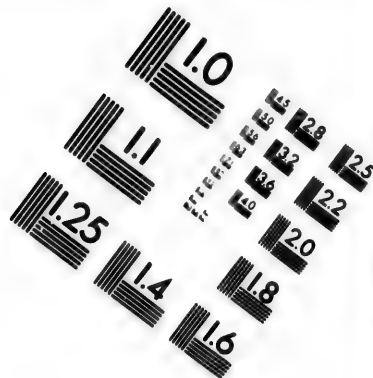


Lagoon

Wells

Salt House

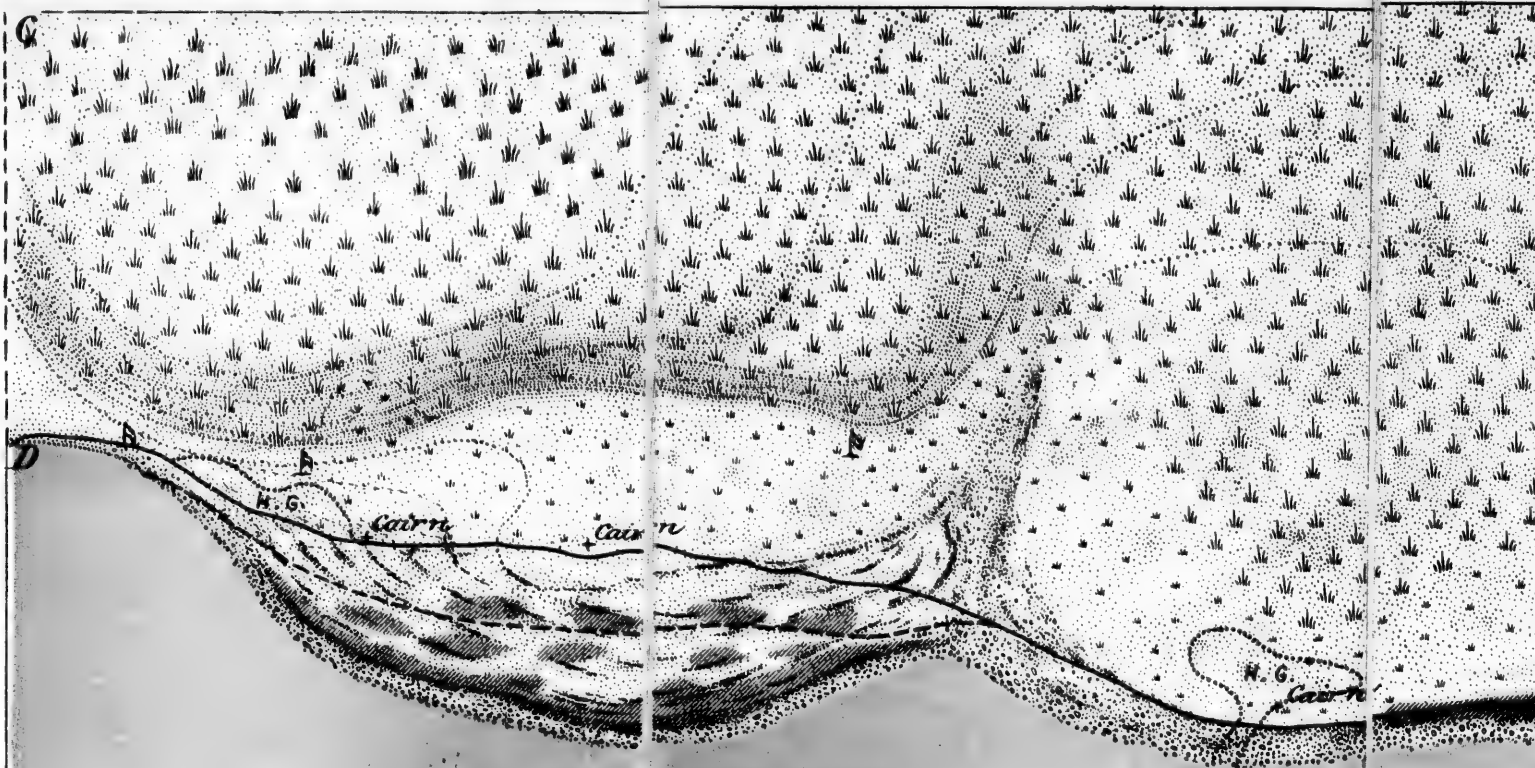
Storehouse



Photographic Sciences Corporation

**23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503**





Lower Zapadnie

**ZAPADNIE ROOKERY
AND
ENGLISH BAY.
ST. PAUL ISLAND
Bering Sea-Alaska.**

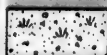
Surveyed by
JOSEPH STANLEY-BROWN
1891.

Scale: 264 ft. = 1 inch. 3 inches

Contour interval approximately 10 ft.



Undisturbed area, mixed vegetation.



*Area disturbed from time to time by seals hauling
scant or uniform grass.*

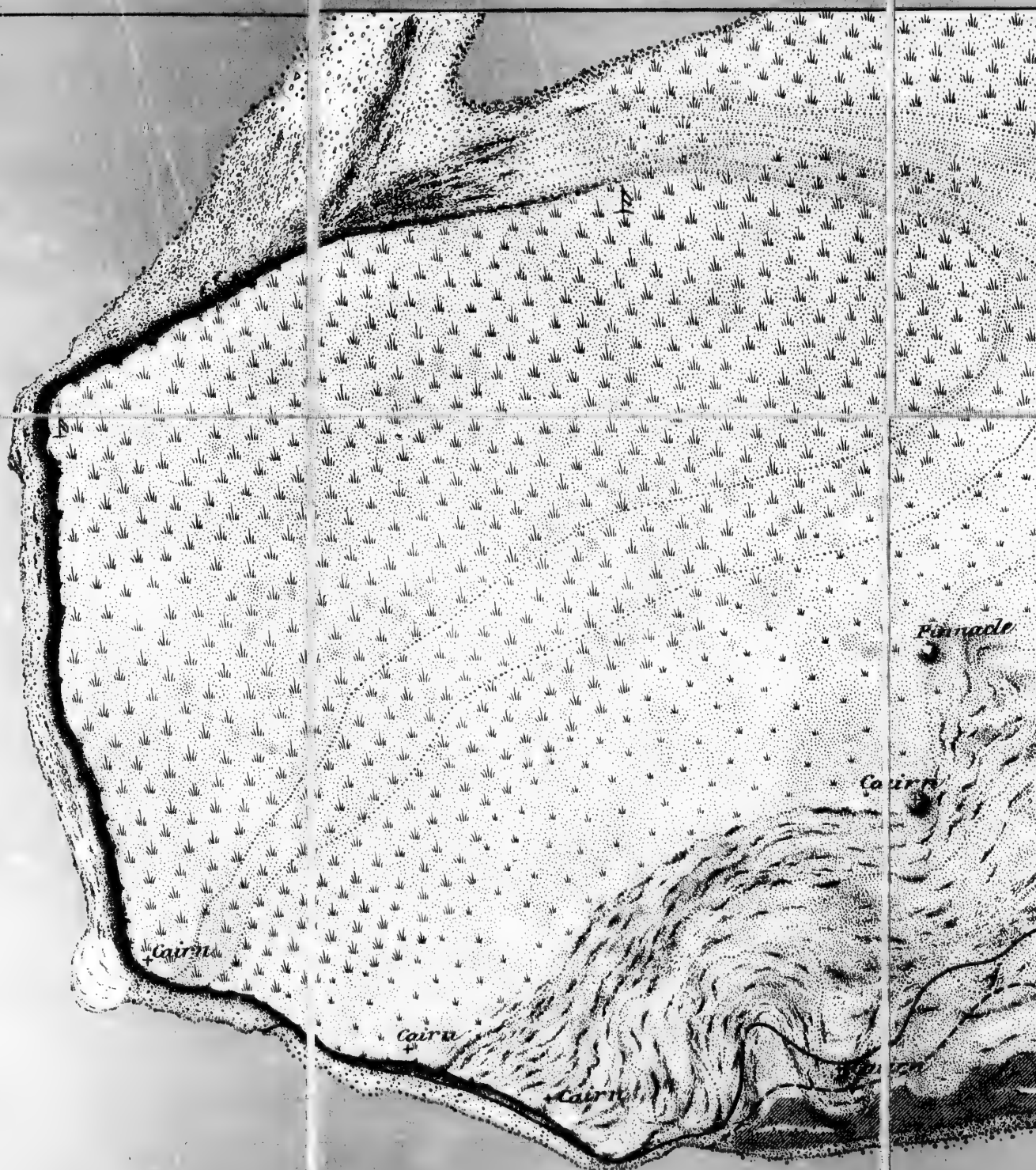
 Breeding Grounds 1891
 " " 1882
 " " 1870
 Area hauled over in 1891



Knolls

Knolls

H. G.





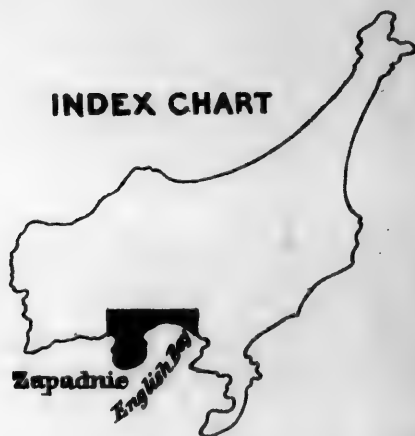
11
ZAPADNII
ROOKERIES
(ST. PETERSBURG)

English Bay

H. G.

Maale Hill

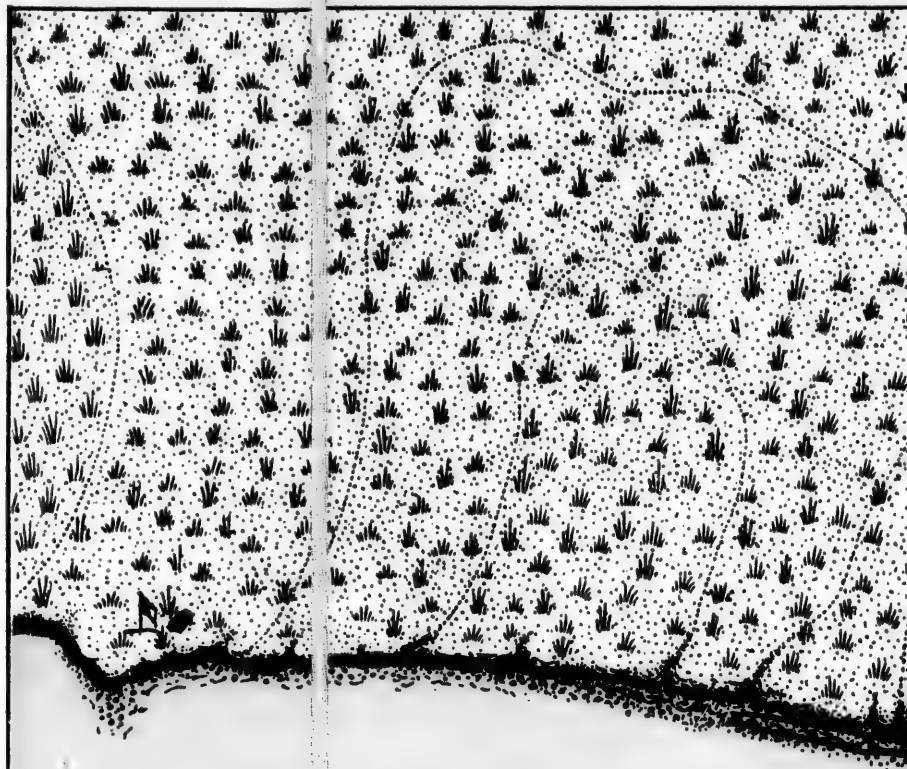
INDEX CHART



B

A

Chart J



EAST & LITTLE EAST ROOFS ST. GEORGE ISLAND Bering Sea - Alaska

Surveyed by
JOSEPH STANLEY-BROOKS

1891

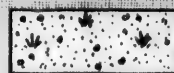
Scale: 264 ft. = 1 inch.

264' 132' 66' 0'

Contour interval approximate



Undisturbed area - mixed veg



*Area disturbed from time to time
scant or uniform grass.*

**LAST ROOKERIES
E ISLAND
a - Alaska.**

by
NLEY-BROWN

91

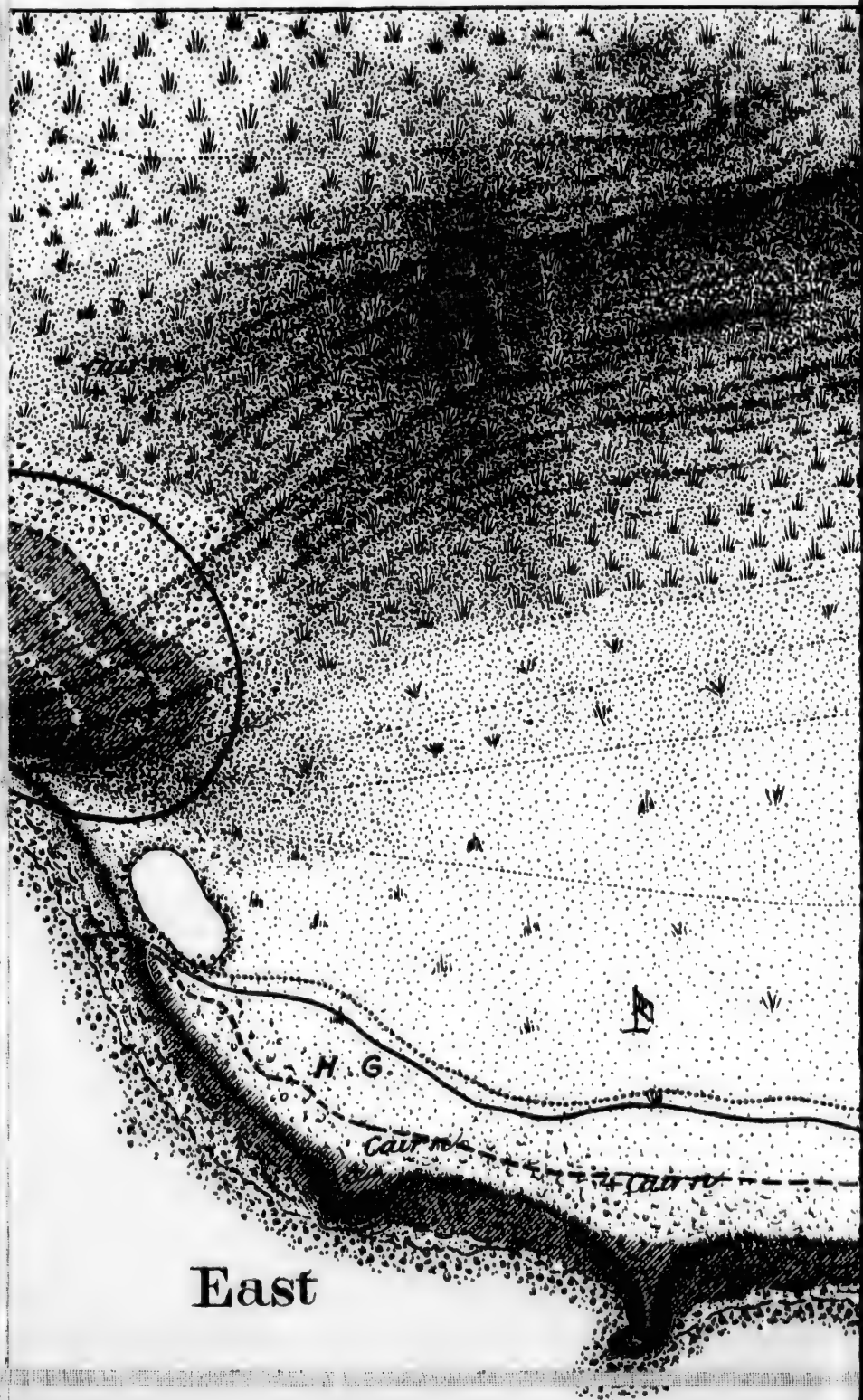
ft. - inch.

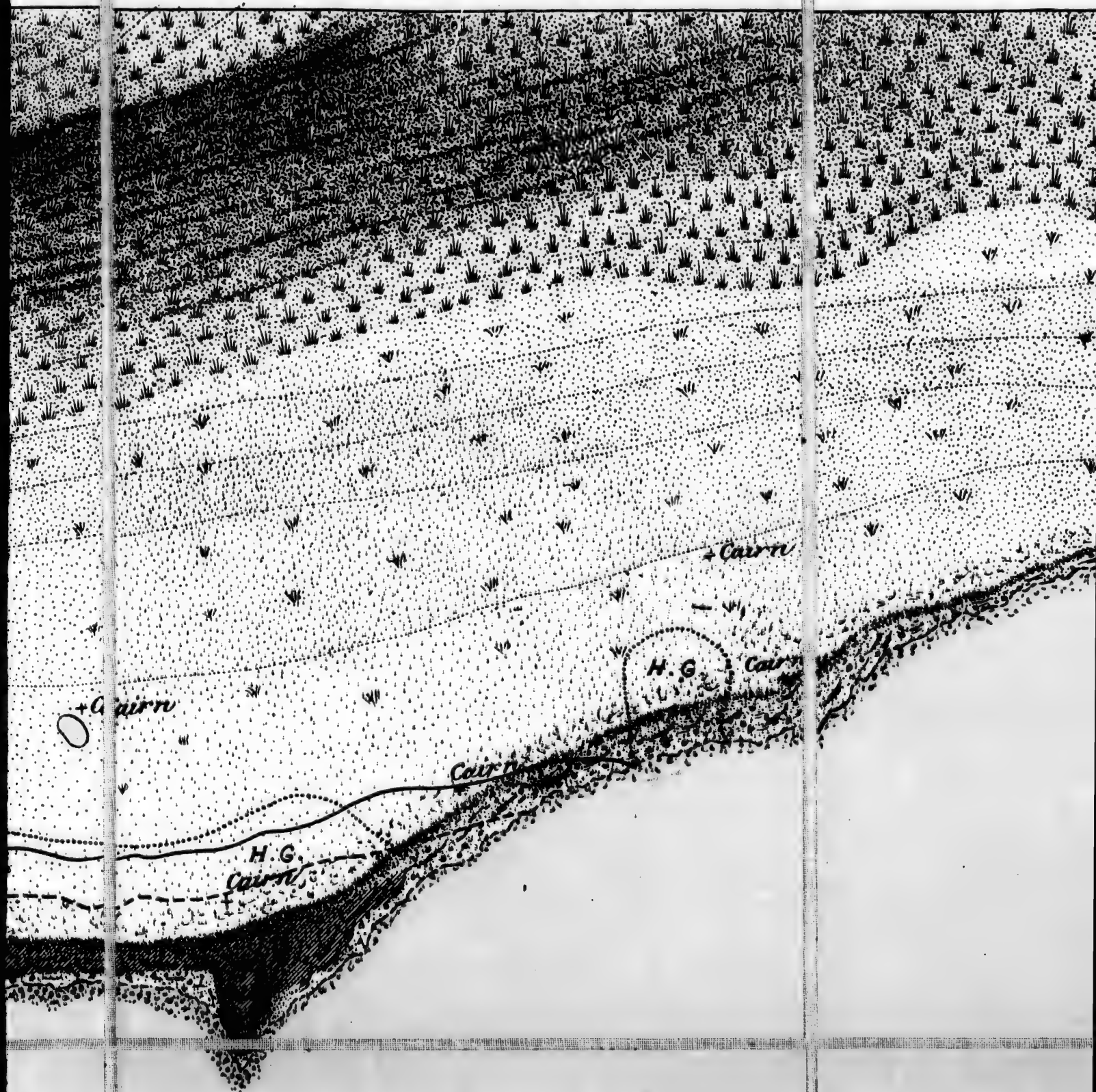
³ inches

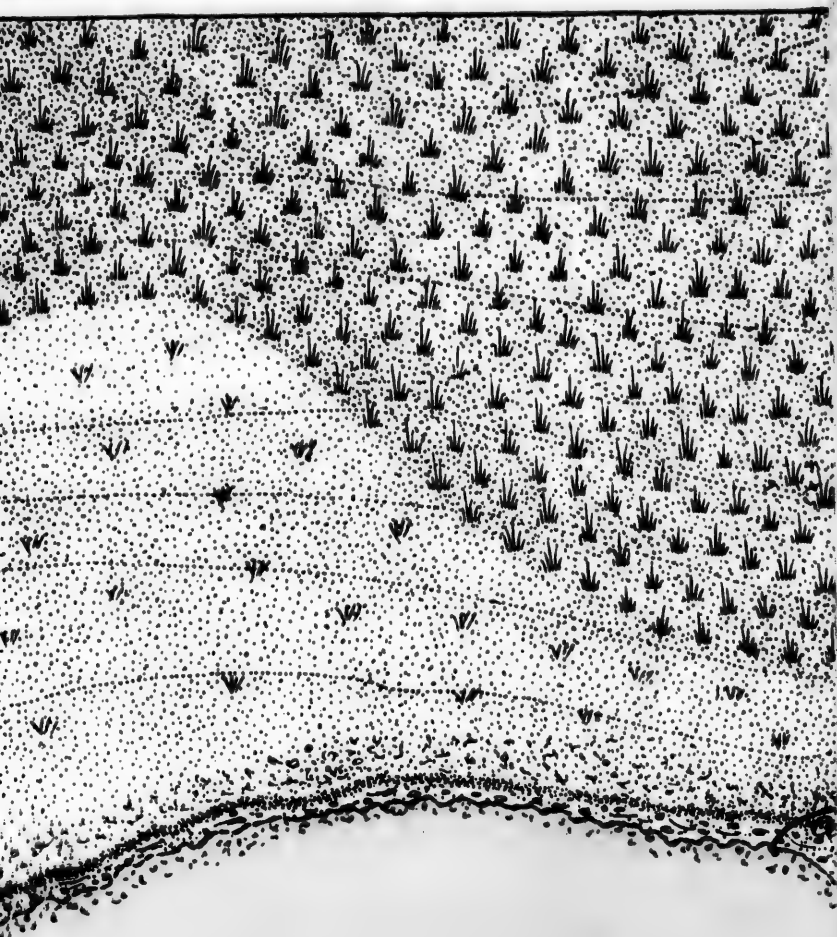
approximately 10 ft.

- mixed vegetation.

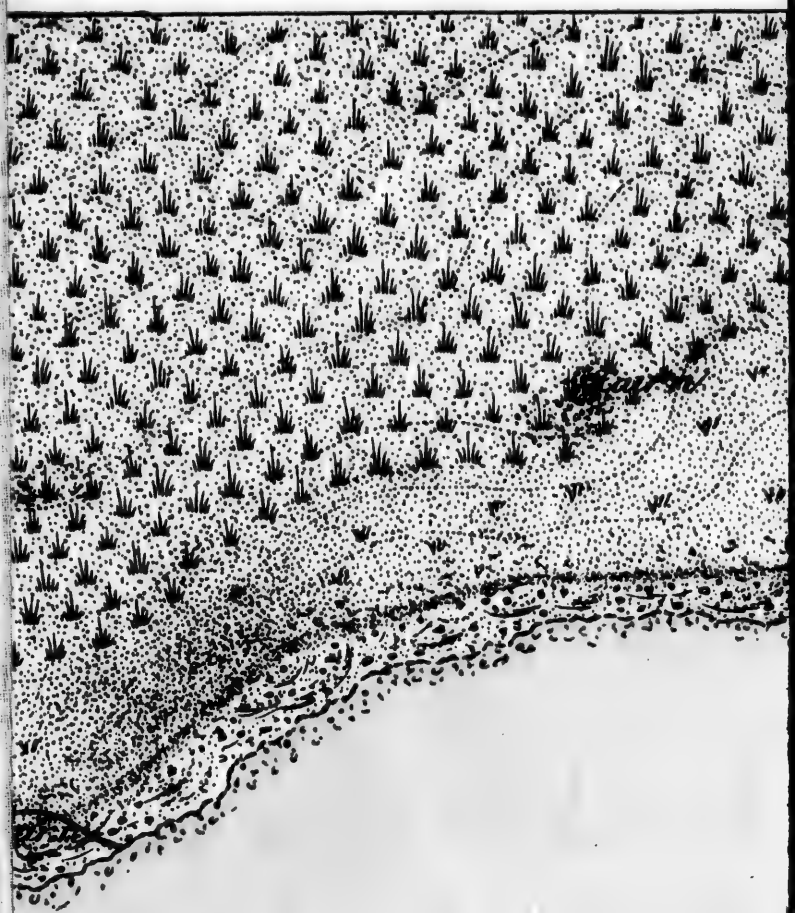
m time to time by seals hauling,
grass.



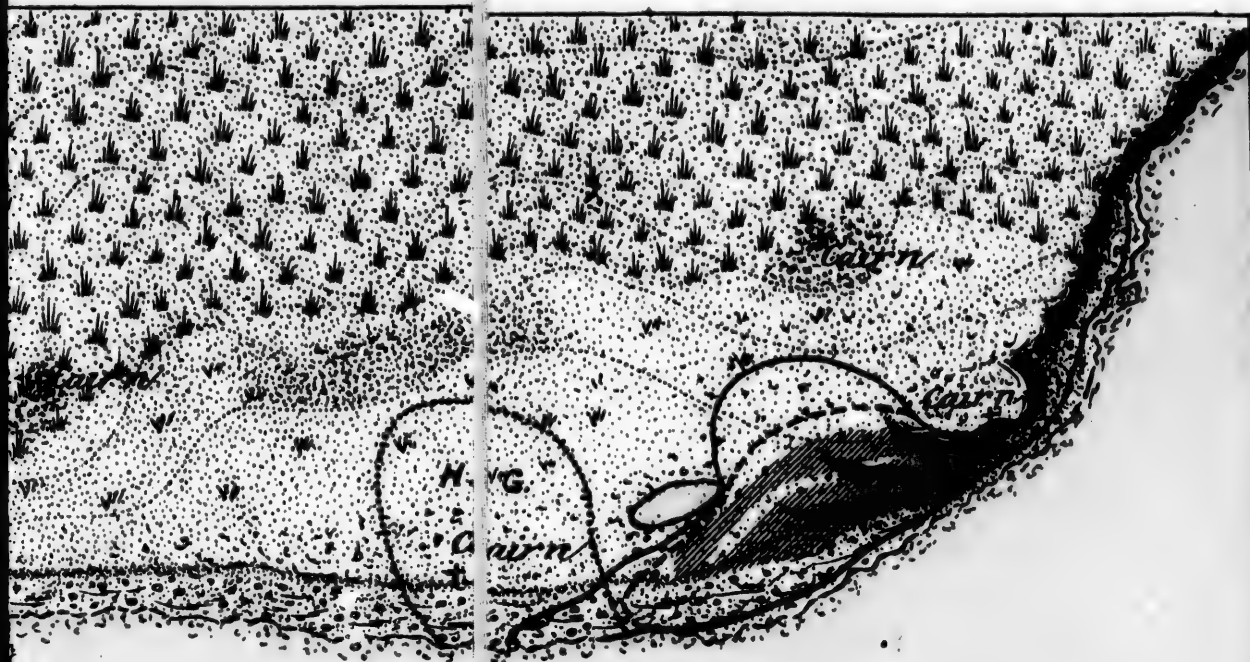




Magn. North



INDE



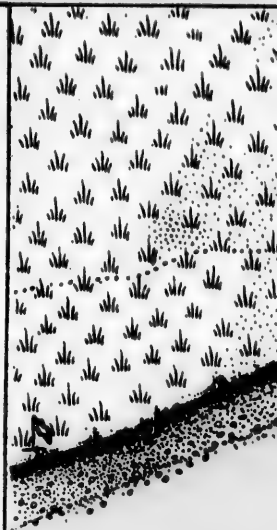
Little East

INDEX CHART

East & Little-east



Chart I



ST
E

264'

Con

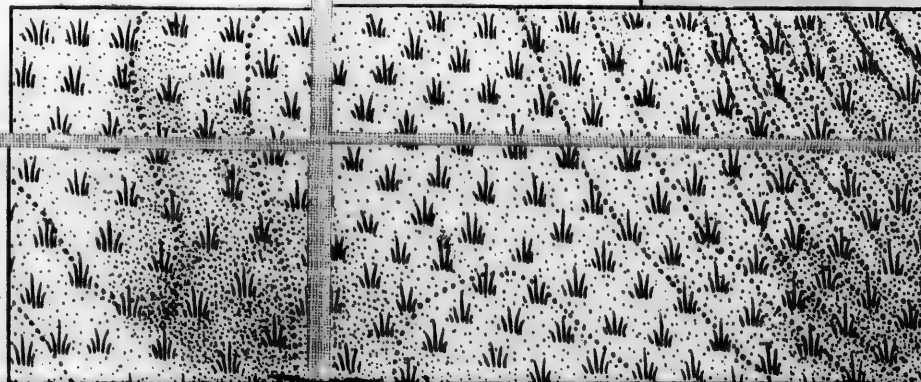


Ure



Ar
Sca

Chart H



NORTH ROOKERY.
ST. GEORGE ISLAND
Bering Sea - Alaska.

Surveyed by
JOSEPH STANLEY-BROWN.

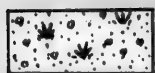
1891

Scale: 264 ft. = 1 inch.
264' 132' 66' 0' 1 2 3 inches

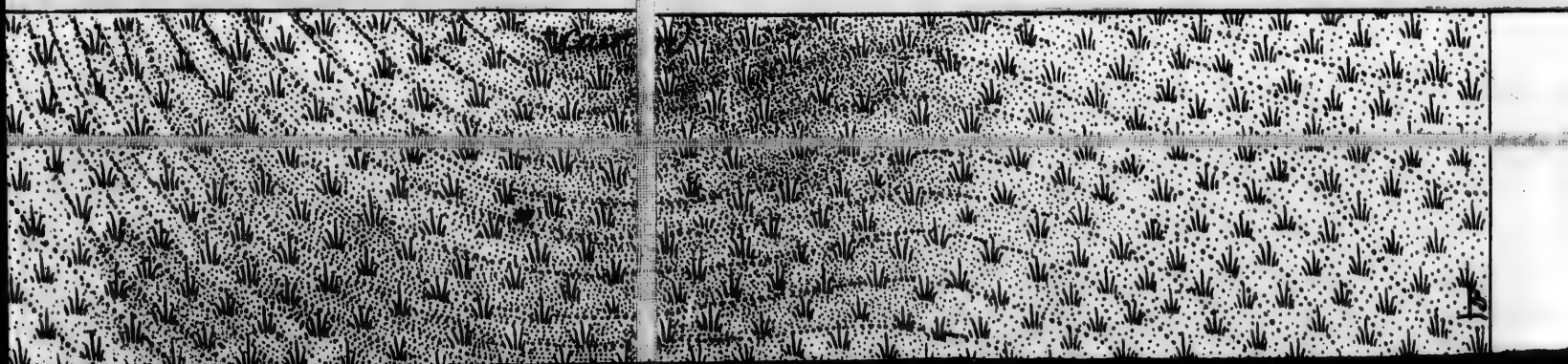
Contour interval approximately 10 ft.



Undisturbed area - mixed vegetation.



Area disturbed from time to time by seals hauling,
scant or uniform grass.



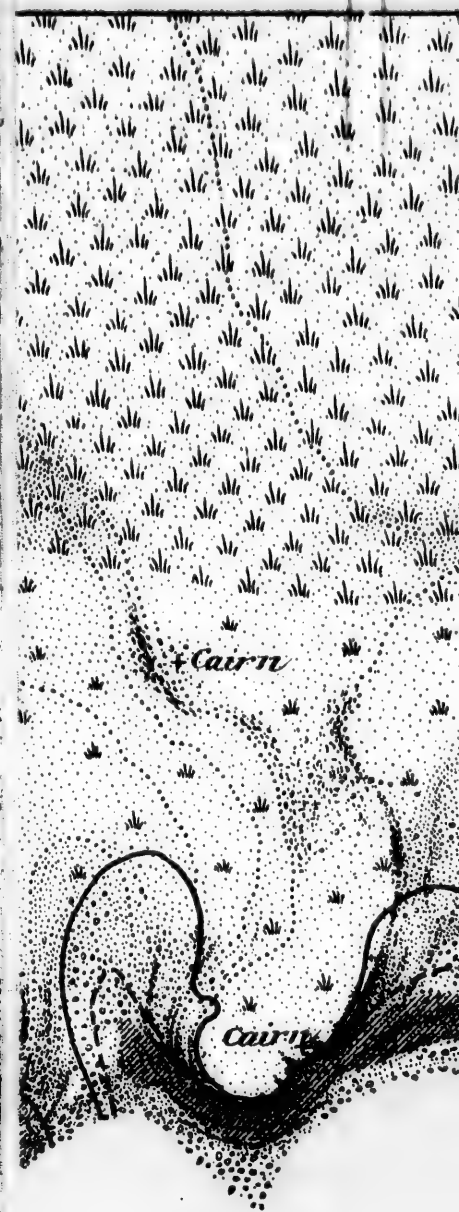
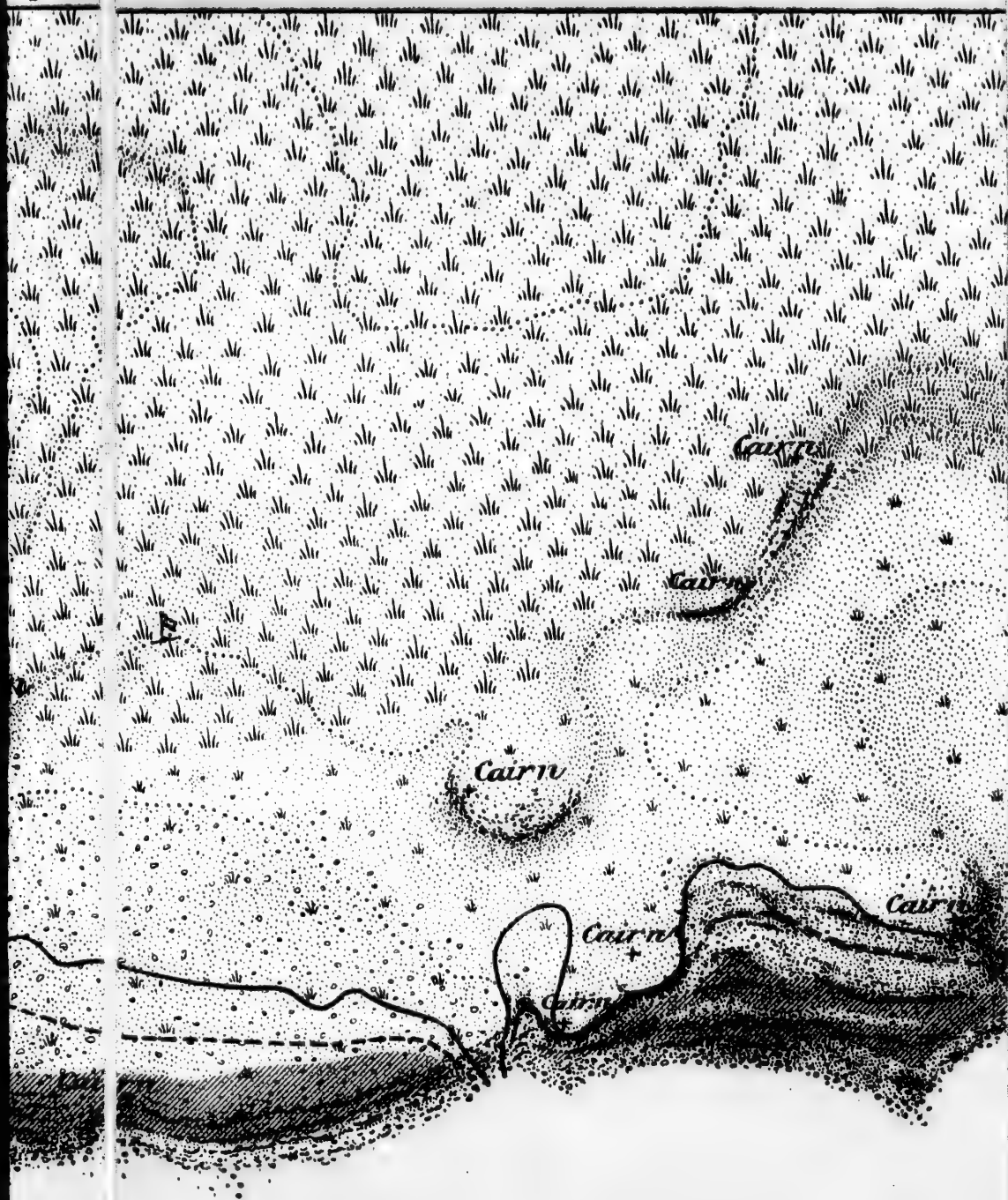
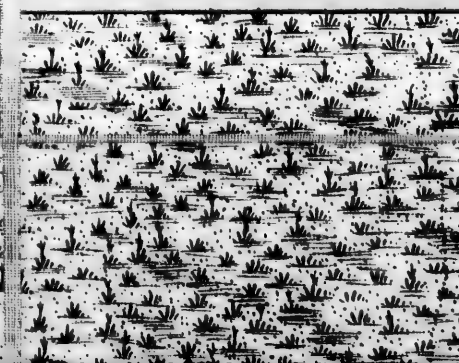
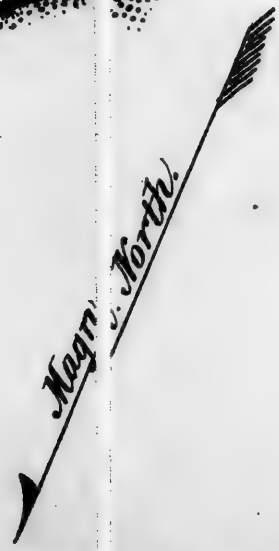
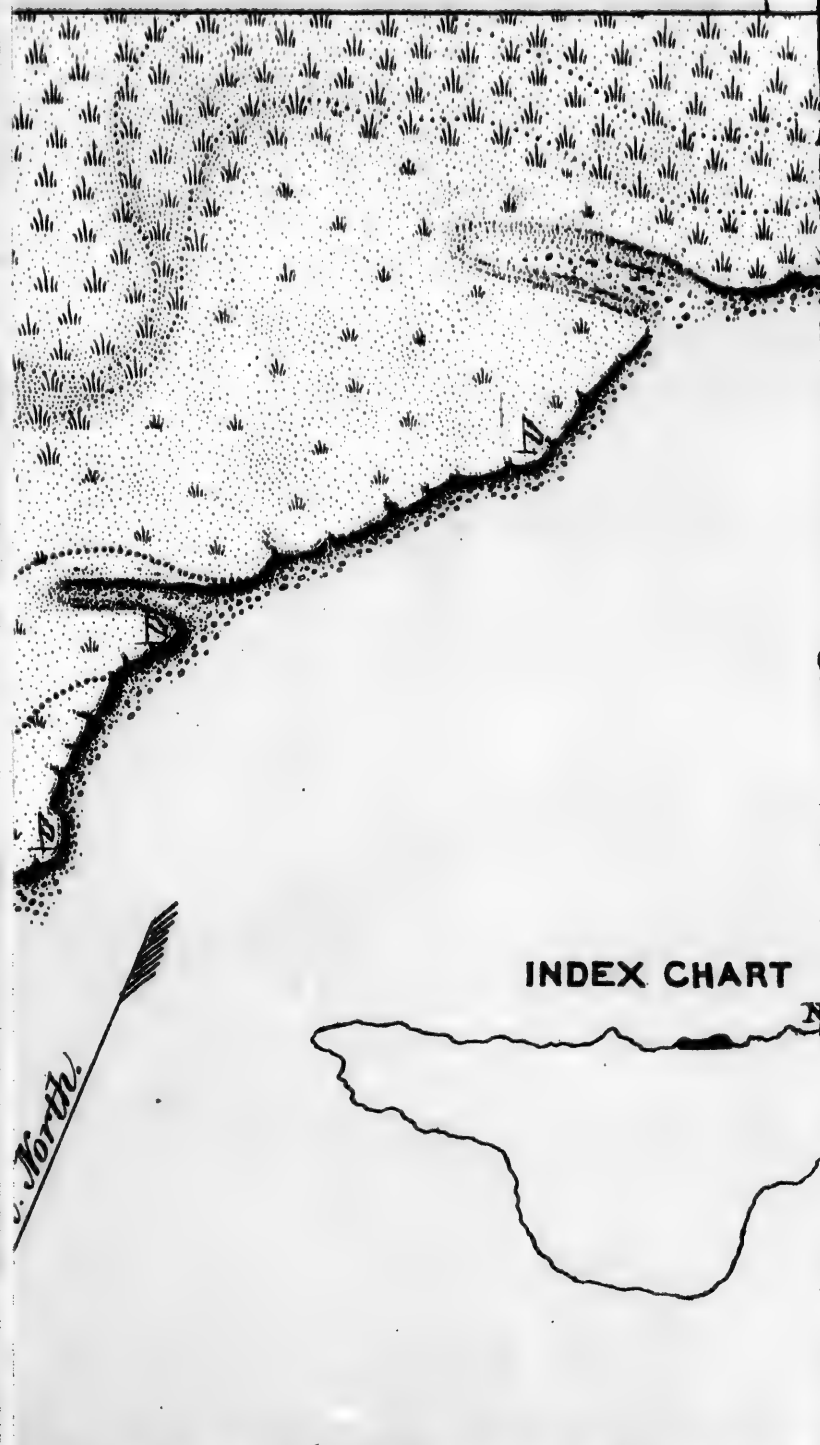
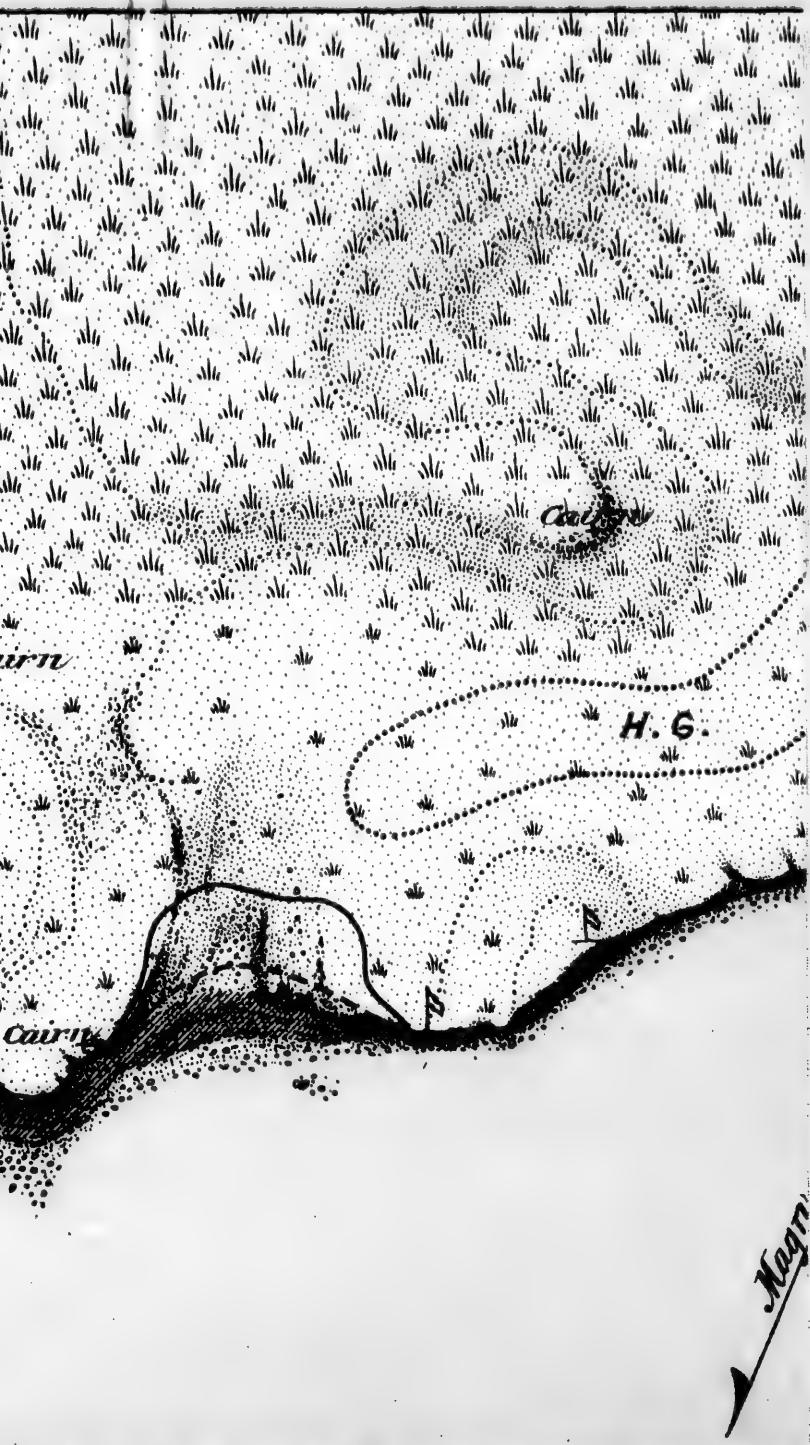


Chart K.



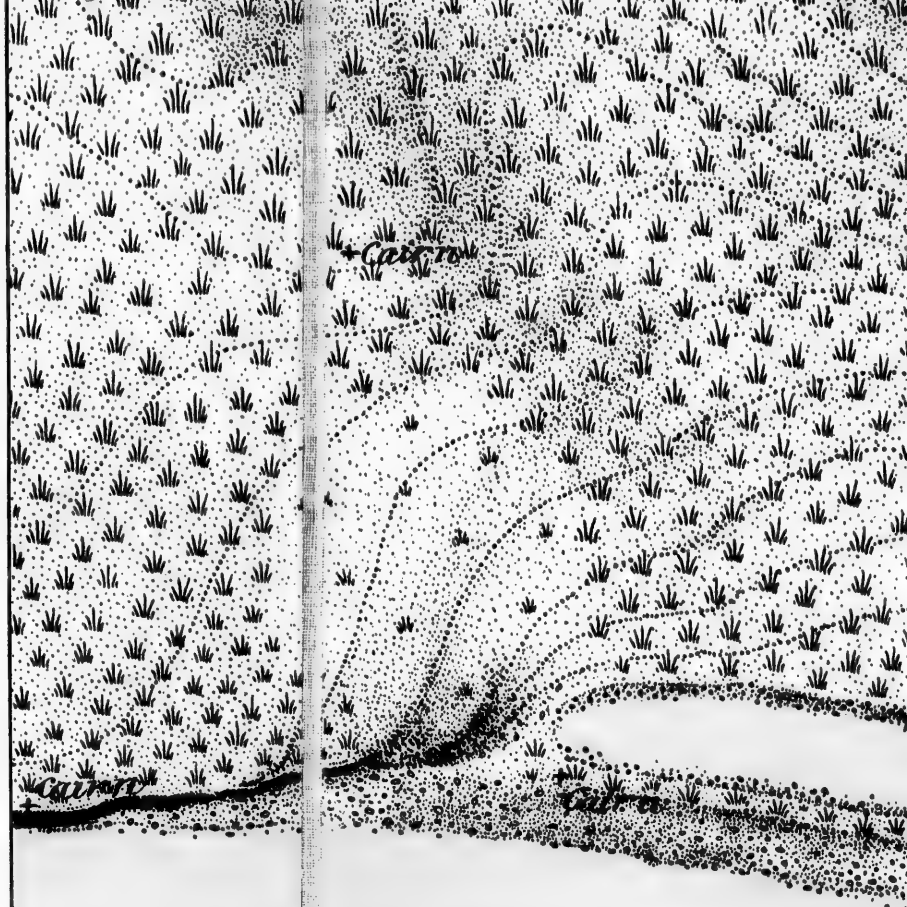


INDEX CHART



ART
North

12
STARRY ATEE
N. BOOKERY
E. BOOKERY
ZAPAD



STABLEY ARTEEL ROOKERY
ST. GEORGE ISLAND
Bering Sea - Alaska.

Surveyed by
JOSEPH STANLEY-BROWN.

1891.

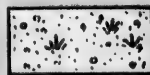
Scale: 264 ft. = 1 inch.



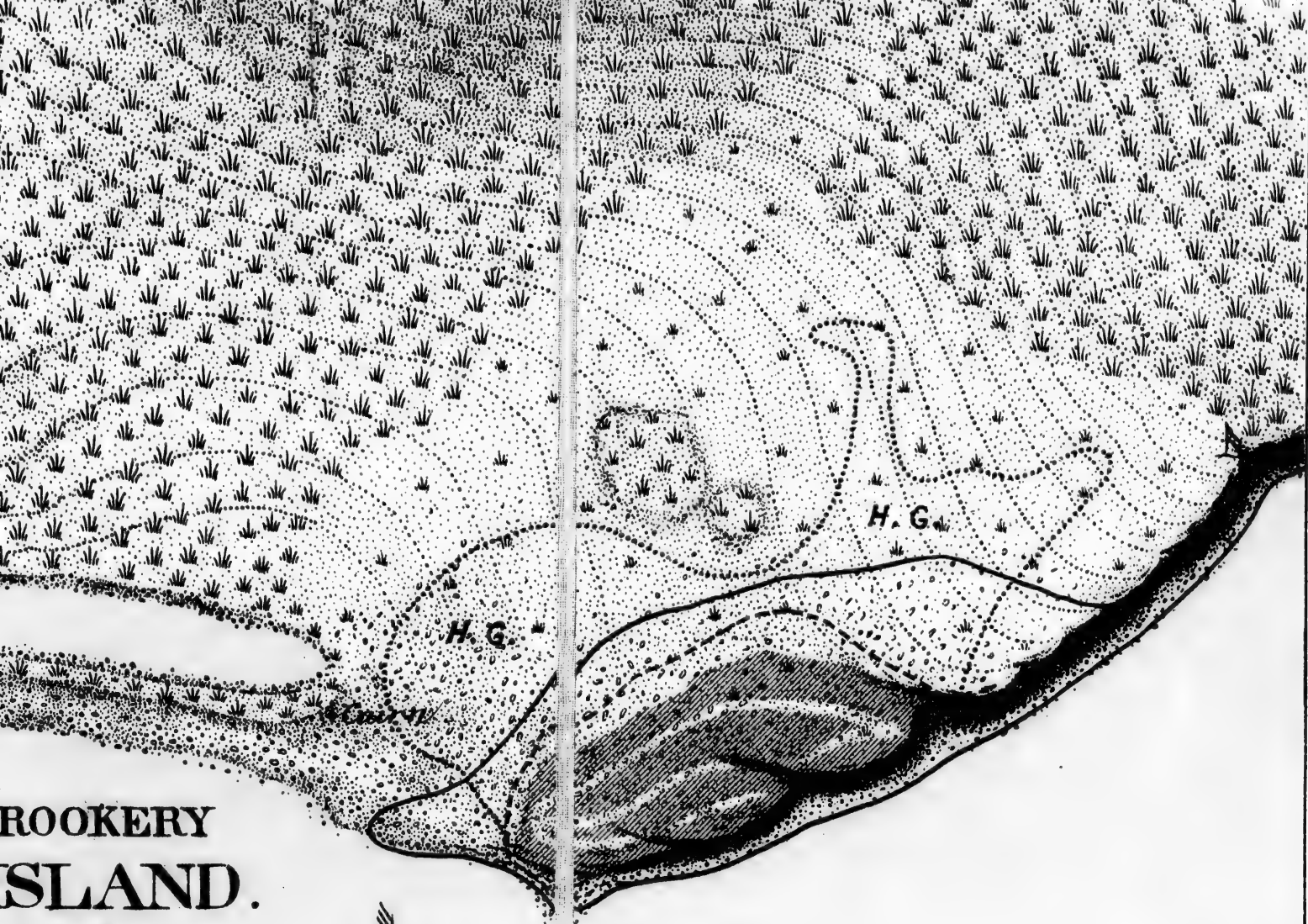
Contour interval approximately 10'



Undisturbed area - mixed vegetation



Area disturbed from time to time
scarce or uniform grass.



ROOKERY
ISLAND.
Alaska.

Y-BROWN.

1 inch. 3 inches

approximately 100.
approximately 100.

mixed vegetation

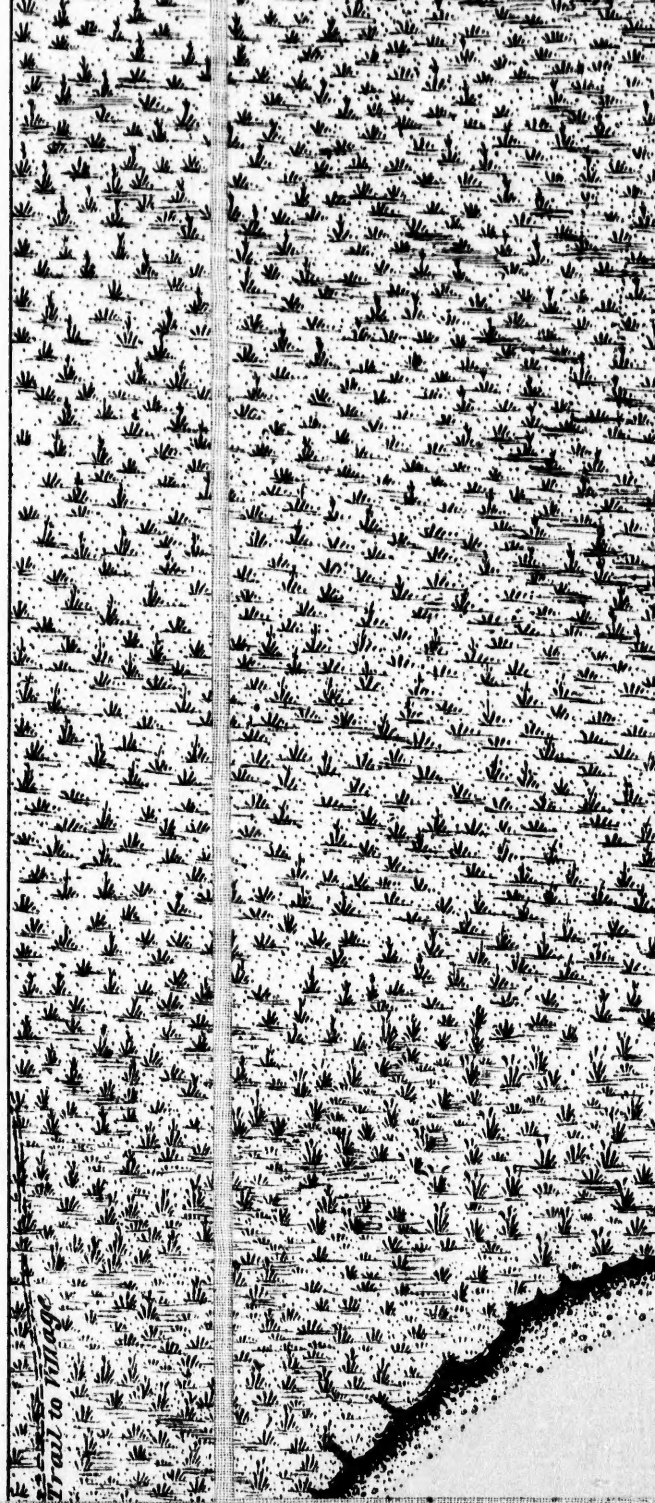
time to time by seals hauling,
3.

Magn. North

INDEX CHART

Starry Arctel

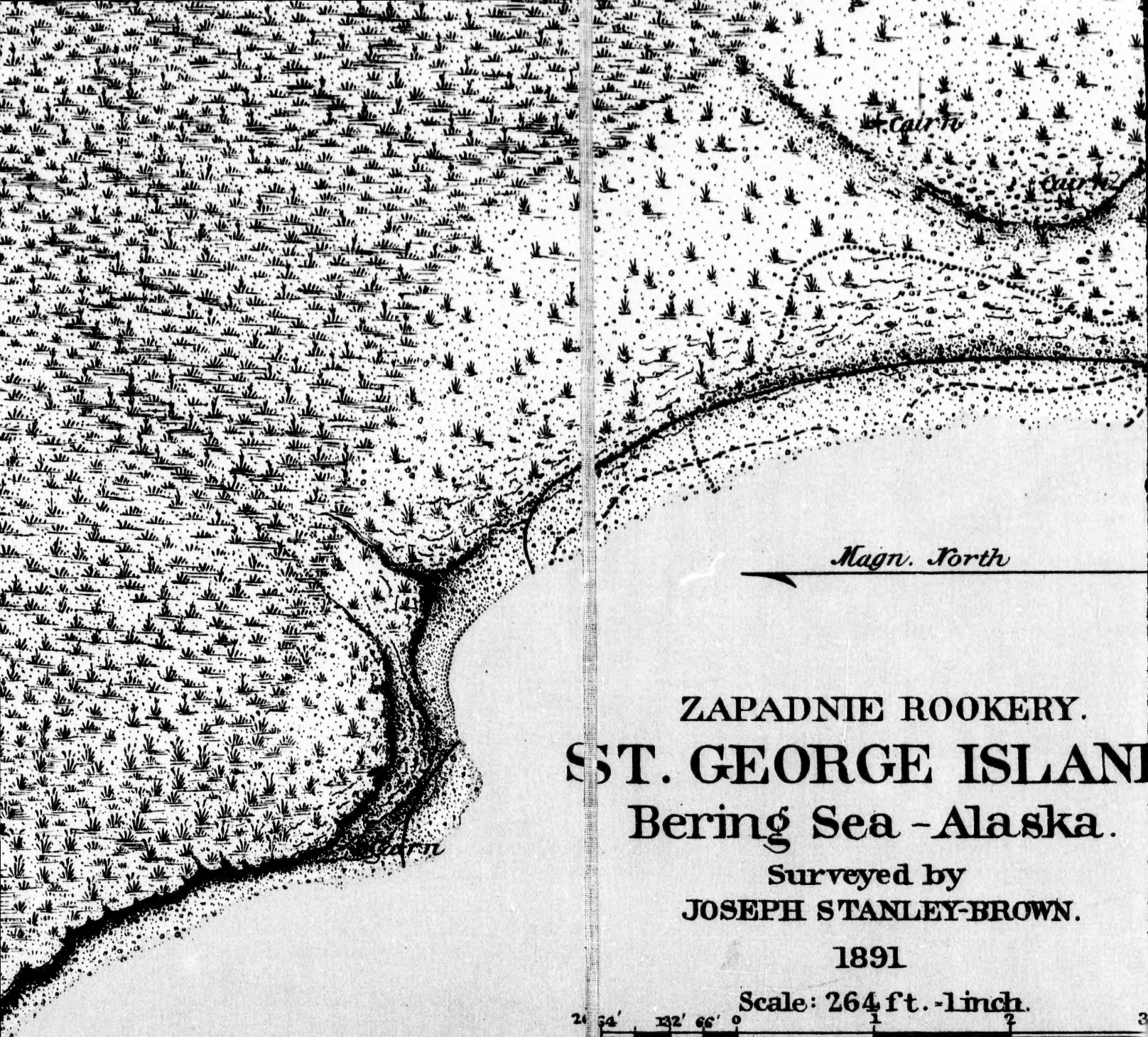




Trail to Village

HARABARA

	Breeding Grounds.....	1891
	” ”	1882
	” ”	1874
	Area hauled over in	1891



Contour interval approximately 10 feet



Undisturbed area - mixed vegetation.



*Area disturbed from time to time by sea
scant or uniform grass.*



ERY.
LAND
ska.

OWN.

1.

3 inches

INDEX CHART

Zapadniye

ely 10 feet.

vegetation.

time by seals hauling,

